

QUALIFICATION FILE: P G Diploma in Software Technology (Level 8)

NSDA REFERENCE

To be added by NSDA

QUALIFICATION FILE – CONTACT DETAILS OF SUBMITTING BODY

Name and address of submitting body:

NATIONAL INSTITUTE OF ELECTRONICS AND INFORMATION TECHNOLOGY (NIELIT),
NIT CAMPUS POST,
CALICUT, KERALA.
PIN – 673601.

Name and contact details of individual dealing with the submission

Name: Ms.Sini S Nair
Designation: Principal Technical Officer
Mobile: +91 9447335996
Email: sini@nielit.gov.in, sini@calicut.nielit.in

List of documents submitted in support of the Qualifications File

- a) Annexure I– Course Curriculum
- b) Annexure II– Candidates Trained
- c) Annexure III – Placement Details
- d) Annexure IV – Industry Validation
- e) Annexure V – Evidence of job market / Industry requirement
- f) Annexure VI: Occupational Map as identified by IT SSC mapped to Jobroles

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SUMMARY

Qualification Title:	Post Graduate Diploma in Software Technology
Qualification Code	NIELIT/IT/L8/025
Nature and purpose of the qualification:	<ul style="list-style-type: none"> ➤ This Qualification is aligned to Level 8 (PG Diploma course). ➤ The purpose of this qualification is to train the students to be ready for Software Engineer Job.
Body /bodies which will award the qualification:	National Institute of Electronics and Information Technology
Body which will accredit providers to offer courses leading to the qualification:	National Institute of Electronics and Information Technology
Body /bodies which will Be responsible for assessment:	Examination Cell, National Institute of Electronics and Information Technology
Occupation(s) to which the qualification gives access:	Software Engineer, System Analysts.
Licensing Requirements	N/A
Proposed level of the qualification in the NSQF	Level 8
Anticipated volume of training/learning required to complete the qualification	840 Hours
Entry requirements/ Recommendations	BE/B.Tech/ MSc/BSc (IT/Computer Science/Electronics), MCA /BCA, Degree holders with PGDCA Or equivalent of any of these.
Progression from the Qualification	Academic Progression : Master Level Courses related to Software Professional Progression:

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	Programmer(Developer) → Project Leader → Project Manager → Senior manager(Project Planning)
Planned arrangements for RPL.	<ul style="list-style-type: none"> ➤ Presently only candidates who undergo training shall be assessed. ➤ It will be incorporated once RPL strategy is finalized
International Compatibility where Known.	NA
Date of Planned review of the Qualification	After Every 2 Years

Formal Structure of the Qualification			
Title of Component and Identification Code	Mandatory/Optional	Estimated Size (Learning hours)	Level
Advanced Diploma in .NET Technologies (C#.Net, VB.Net, ASP.Net, Project) [CSW101]	M	420	8

Any **ONE** of the following modules:

Advanced Diploma in Android Application Development (Core Java ,Android , Project) [CSW102A]	M	420	8
Advanced Diploma in Java Enterprise Edition (Core Java, Advanced Java, JEE and Project) [CSW102B]	M	420	8

Detailed Curriculum attached as – **Annexure I**

SECTION -1

ASSESSMENT

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Name of Assessment body:

Examination Cell,
National Institute of Electronics and Information Technology
6-CGO Complex, Electronics Niketan
Lodhi Road, New Delhi. 110003.

Name of body checking or verifying Assessments:

Examination Cell,
National Institute of Electronics and Information Technology
6-CGO Complex, Electronics Niketan
Lodhi Road, New Delhi. 110003.

Name of Qualification Awarding body:

National Institute of Electronics and Information Technology.

Will the assessment body be responsible for the RPL assessment?

RPL Policy will be described as and when available

Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, consistent and fair and show that these are in line with the requirements of NSQF:

This course would lay more emphasis on developing the practical skills of the student. His overall knowledge shall be tested based on a comprehensive written assessment, his practical skills shall be equally measured with a detailed practical assessment. The communication/technical skills of the student and his ability to express himself shall be tested in Viva Voce Assessment. Each assessment shall define an OUTCOME and marked separately. Student shall be required to pass in all OUTCOMES individually and marks shall be allotted for each OUTCOME along with final aggregate marks in course.

Following assessment methodologies may be used:

- A. Written Assessment
- B. Practical Assessment
- C. Viva Voce Assessment

Supporting evidences for Assessment

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The assessment results are backed by following evidences.

1. The assessor collects a copy of the attendance for the training done under the scheme. The attendance sheets are signed and stamped by the In charge / Head of the Training Centre.
2. The assessor verifies the authenticity of the candidate by checking the photo ID card issued by the institute as well as any one Photo ID card issued by the Central/Government. The same is mentioned in the attendance sheet

ASSESSMENT EVIDENCE

Job Role: Software Developer, Software Engineer, System Analysts

Title of Unit/Component: (Detailed Curriculum attached as Annexure-I)

Module		Assessment (Marks)				Job Role
		Theory	Practical	Project	Total	
Module I – C#.Net , VB.Net & ASP.Net, Project		25	50	75	150	Web Programmer /ASP.Net Programmer
Module II (Any ONE)	Java & Android , Project	25	50	75	150	Java Developer /Android Developer
	Core Java, Advanced Java, JEE and Project	25	50	75	150	Java Developer/ Software Designer Java J2EE

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Outcomes to be assessed	Assessment Criteria for the outcome	Means of Assessment			
		Total Marks	Written	Practical	Project & Viva
1.CSW101 Software Development for the given specification with C#.Net , VB.Net & ASP.Net	<p>Ability to</p> <ul style="list-style-type: none"> • identify the Roles and responsibilities of clients and servers for .NET applications. • Implement C#.NET & VB.Net desktop applications using Visual Studio.NET • Implement ASP.NET Applications for web based customer requirements • Ability to use AJAX and LINQ for creating rich interactive websites. • Create Web service, post Web service, and consuming Web service. 	150	25	50	75

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		<ul style="list-style-type: none"> • Design projects that comply with the requirements and constraints • Design test cases for testing the product 				
(Any ONE of CSW102A , CSW102B)	CSW102A. Development of software to comply with specification using Java & Android & Project tools	<p>Ability to</p> <ul style="list-style-type: none"> • Demonstrate Fundamental Concepts of Object Oriented Programming. • Implement concepts and technique for developing applications in Android platform. • Work with the SQLite & MySQL database features. • Implement JSON features to communicate with remote database servers. • Identify the 	150	25	50	75

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		<p>requirements to be implemented in android platform.</p> <ul style="list-style-type: none"> • create design that comply with requirements and constraints • Review design options with appropriate people and incorporate their inputs • Convert technical specifications into code to meet the requirements, leveraging reusable components, where available. • Create appropriate test cases for testing the product and modify accordingly. • package and deploy the Android application to a mobile device. 				

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	CSW102B. Software development for the specification with Core Java, Advanced Java, JEE and Project	<p>Ability to</p> <ul style="list-style-type: none"> • Implement OOPs Concepts through Java • Develop stand-alone /web based applications in Java to handle the requirements from clients • Design frameworks to establish module requirements and constraints • Develop applications with the support of UI, ORM framework. • Design projects that comply with the requirements and constraints • Design test cases for testing the product 	150	25	50	75
		Total Marks	300	50	100	150

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Pass/Fail

Following Grading Scheme (on the basis of total marks) will be followed:

Grade	S	A	B	C	D	E	Fail
Marks Range (in %)	$\geq 90\%$	80%-89%	70%-79%	60%-69%	50%-59%	40-49%	<40%

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SECTION 2

EVIDENCE OF LEVEL

Title : P G Diploma in Software Technology			Level : 8
NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF Level Descriptors	NSQF Level
Process required	Theoretical knowledge and practical skills will be there for the candidates to contribute to the design of software products and applications & develop software code to specification.	Comprehensive, cognitive, theoretical knowledge and practical skills to develop creative solutions to abstract problems. Undertakes self-study; demonstrates intellectual independence, analytical rigour and good communication.	8
Professional knowledge	Demands practice in broad range of activity involving standard and non-standard practices. Capable of managing & developing applications using C# , VB.NET, ASP.Net, Java, Java Enterprise Application and Mobile app using Android.		8
Professional skill	Design Framework knowledge will be acquired by the candidates. Ability to provide support to custom applications, debugging, maintenance and documentation.		8
Core skill	Management of the entire team and work is the responsibility of the candidate. Candidate will understand the social requirements and will be able to effectively communicate and deliver the solutions by collecting data and passing information in an effective manner among group members and end users.		8
Responsibility	Candidate will be able to design and	responsible for the work of others.	8

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	<p>develop android and web based applications independently with responsibility for own work and can supervise other's work also when required.</p> <p>Candidates are able to handle risks or unpredictable changes of the product</p> <p>Candidate requires to take responsibility of his/her own work and full responsibility other's work.</p>		
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SECTION 3

EVIDENCE OF NEED

What evidence is there that the qualification is needed?

This course has been designed to meet the growing demand for skilled professionals in web and mobile application development.

- a) *"Android App Development in Demand" – Article published in 'The new Indian Express' daily, 3rd November 2014.*
- b) *"Java skills demand hits all-time high" Computer weekly.com*
<http://www.computerweekly.com/feature/Java-skills-demand-hits-all-time-high>

What is the estimated uptake of this qualification and what is the basis of this estimate?

Estimated uptake is 15 students / Batch with 2 Batches / Year and on the basis of Facilities and Infrastructure in NIELIT Calicut.

What steps were taken to ensure that the qualification(s) does/do not duplicate already existing or planned qualifications in the NSQF?

The Qualification does not exist as per the information available in public domain.

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What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated?

Based on feedback by participants, employers and based on market survey the qualification will be reviewed in every 2 years.

SECTION 4

EVIDENCE OF PROGRESSION

What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?

This course structure is designed in such a way that, the qualification acquired will meet the prerequisites of higher level courses in Software and IT Field. It comprises both technical and analytic skills and can be linked to any existing qualification or higher qualification.

SECTION 5

EVIDENCE OF INTERNATIONAL COMPARABILITY

List any Comparisons which have been established – NIL

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Annexure – I

Course Curriculum

CSW101: Advanced diploma in .Net Technologies

Module Duration: 420 Hours

Objective

Participants will learn to develop applications using C# and VB.NET. They will also learn to apply these languages to develop server-side applications which make use of ADO.NET, ASP.NET, Web Services etc

Course Description

Sl No.	Course Modules	Hours
1	C#.NET	105
2	VB.NET	70
3	ASP.NET	105
4	Project Work	140

C# .Net

Getting Started with .Net Framework, Exploring Visual Studio .NET, Inside a C# Program, Data Types, Statements, Arrays, Using Strings, Objects, Classes and Structs, Properties, Inheritance, Indexers, Delegates, Events, Namespaces, Generics, Collections and Data Structures, Exception Handling, Threading, Using Streams and Files, Reflection, Assemblies, versioning, Windows Forms, Controls, Data binding to Controls, Advanced Database Programming using ADO.net, Using GDI +, Networking, Manipulating XML.

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VB.Net

Creating Applications with Visual Basic.NET, Variables, Constants, and Calculations, Making Decisions and Working with Strings, Lists, Loops, Validation, Sub Procedures and Functions, Multiple Forms, Standard Modules, and Menus, Arrays, Timers, Form Controls, Windows Presentation Foundation Controls, Working with Databases, Advanced Database Programming using ADO.net, Custom Controls, Packaging & deployment, Using Crystal Reports.

ASP.Net

Building a Web Application, Examples Using Standard Controls, Validating Form Input Controls using Validation Controls, Understanding Applications and State, Applying Styles, Themes, and Skins, Creating a Layout Using Master Pages, Binding to Databases using Controls, Data Management with ADO.net , Creating a Site Navigation Hierarchy, Navigation Controls, Login Controls, Securing Applications, Working with XML, Using Crystal Reports in Web Forms, AJAX, LINQ,ASP.Net MVC.

Project

Students are required to develop a .Net application under the guidance of the faculty. Students can also take up relevant projects from the industry.

Any ONE of the following Modules:

CSW102A: ADVANCED DIPLOMA IN ANDROID APPLICATION DEVELOPMENT

Module Duration: 420 Hours

Objective

This is a hands on course which provides participants with the information and lab experience necessary to develop and deploy Android applications. This course starts with core java and covers SQL programming and Android application Development.

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Course Description

SlNo.	Course Modules	Hours
1	Core Java	140
2	Android Application	140
3	Project	140

Core Java

Introduction to Java Platform, Data Types, Variables, Arrays, Operators, Control Statements, Java Classes and Objects, Methods, Inheritance, Packages and Interfaces, Exception Handling, Threads and Multi Threading, I/O, String Handling, Java.Lang, Collections, Network Programming, Java AWT, Event Handling, Applets, Graphics, JFC Swing, JDBC.

Android Application

Introduction to Android, Development Environment, Emulator–Android virtual device, UI Design– Activities, Layouts, Menus, Styles and Themes, Debugging Android applications, intents and Notification services, Content Providers– SQLite, Adapters and Widgets, Multimedia, Location based services, Packaging and deployment.

Project

Students are required to develop an Android application under the guidance of the faculty. Students can also take up relevant projects from the industry.

CSW102B: ADVANCED DIPLOMA IN JAVA ENTERPRISE edition(JEE)

Module Duration: 420 Hours

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Objective

The course is a 12 weeks full time course aimed at preparing fresh graduates for professional positions in the software and IT industry by developing advanced skills in cutting-edge technologies like JEE and web technology.

SINo.	Course Modules	Weeks
1	Core Java	4
2	JEE	4
3	Project	4

Core Java

Introduction to Java Platform, Data Types, Variables, Arrays, Operators, Control Statements, Java Classes and Objects, Methods, Inheritance, Packages and Interfaces, Exception Handling, Threads and Multi Threading, I/O, String Handling, Java.Lang, Collections, Network Programming

GUI Development

Java AWT, Text Fields, Buttons, Layout Managers, Event Handling, Applets, Graphics, JFC Swing, Swing Components

JEE

Introduction to JEE 7, JDBC, JSP, Servlets, JNDI, EJB – Session Bean – Stateless, Stateful, Entity Bean , Introduction to Struts Framework, JSF, Hibernate, Spring.

Project

Students are required to develop a JEE application under the guidance of the faculty. Students can also take up relevant projects from the industry.

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Annexure – II

Candidates Trained

PG Diploma in Software Technology			
Year	Batches/Year	March	August/September
2005	1		13
2006	2	17	21
2007	1	0	16
2008	1	0	19
2009	2	10	12
2010	2	8	7
2011	2	8	12
2012	2	5	9
2013	2	13	7
2014	2	8	11
2015	2	6	9
2016	1	13	12
	24	88	148
Total			236

Annexure – III

Placement Details

PG Diploma in Software Technology
<p>This course helps the students to get placement in three ways.</p> <ol style="list-style-type: none">1. Campus placement2. Job referral programs where we direct our previous batch students to various companies3. Students apply directly. The theory, practical as well as the projects done during the course enables the students to pass the screening test and helps in the interview.4. Previous batch non-placed students are also allowed to attend campus programs along with the current batch subject to conditions.5. Students are encouraged to take up entrepreneurship/ self employment

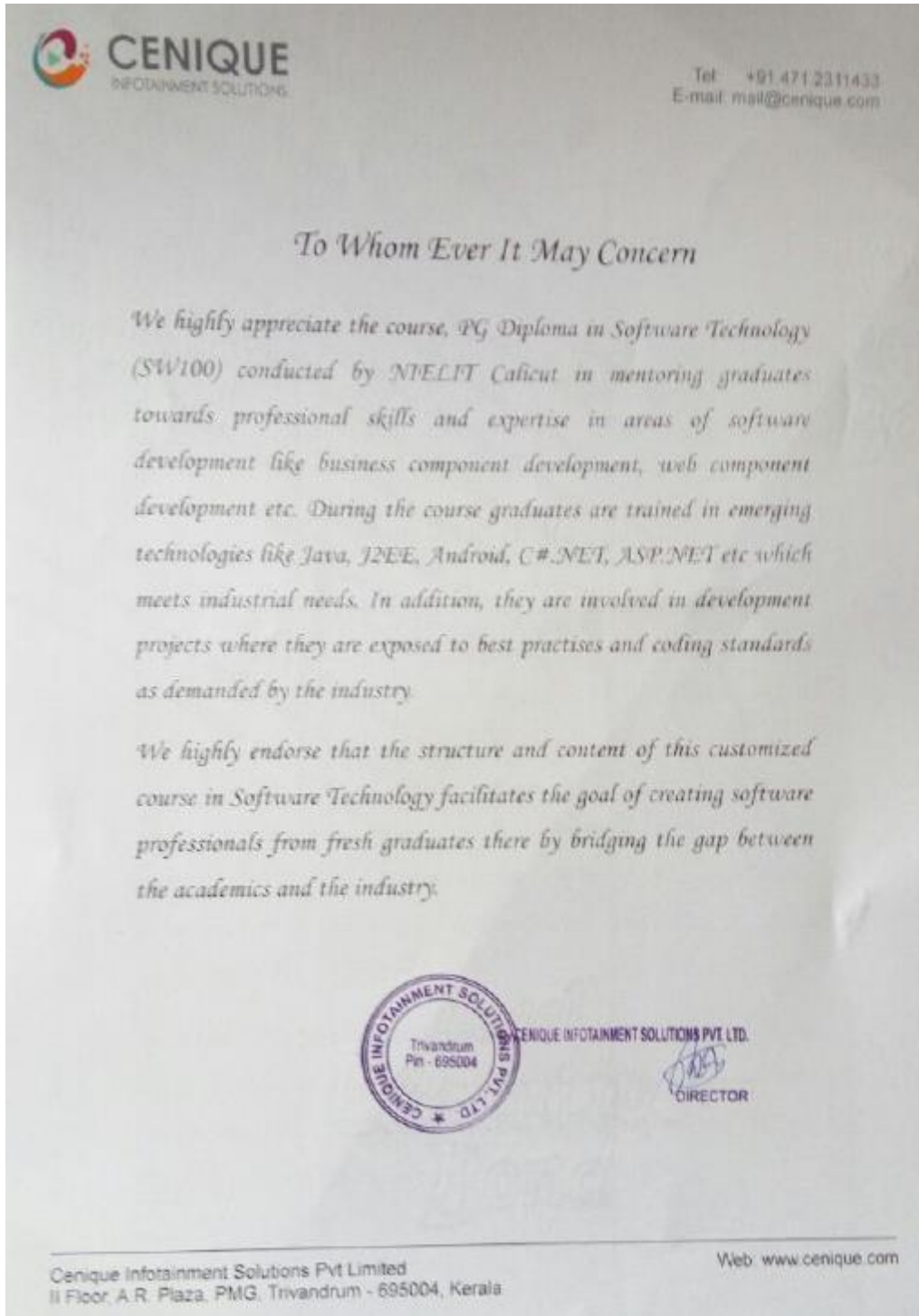
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List of students selected recently (Last 3 years)	
Name	Company Name
Neethu.J	Performatix Solutions Private Limited, Bangalore
Ajithra Jayan J	Kinfra Techno Industrial Park, Calicut
Radhi S Nair	Kinfra Techno Industrial Park, Calicut
Gopika V P	Kinfra Techno Industrial Park, Calicut
Sreevidya K M	NuCore Software Solutions, Calicut
Aswin Chandran. K	RelyOnManpower Calicut
Sivapriya S	BIZWHIZ, Bangalore
Vinit Kumar	HDFC, Mumbai
R.Shanmukha sai kumar	intelizign engineering services pvt ltd, Bangalore
Ancy Tom	Blakol Studios bangalore
Jimy George	Mindlak, Trivandrum
Ajay G	Orion India Systems Pvt. Ltd, Cochin
Sreejith M	Xpeditions, TVM
Arjun A K	Vital Labs, Bangalore
Atheena Rajan	Sipora Solutions, Calicut
Mridul P V	Rckr Software Pvt Ltd, Bangalore
Shahla M P	Sipora Solutions, Calicut
Jinto George	TCS
K Sathish	Xagrus Technology Pvt. Ltd
Mohammed Sanober	CGI Systems, Chennai
Geo George	Aufait Technologies Pvt Ltd
S. S .Arthi	Cognizant Coimbatore
Suvin Das	Zoondia Software Pvt Ltd
Minu Abraham	CMS Cochin
Rajnivas M. P	ITC, Bangalore
Kesavan S	HCL, Chennai
Mallesh H Patil	Fujitsu India pvt Ltd, Pune
NIJI TJ	Digit Tech, Kannur
Pooja Dinesh	Fusion Electronics , Bengaluru / Xerox
Vineesha. P.K	Kinfra Park, Trichur
V Vidhya	4w Technologies, Chennai
Jaisukaunthan	RedPosh Solutions Pvt Ltd., Bangalore

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Annexure – IV

Industry Validation



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TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following courses conducted by NIELIT Calicut with Syllabus as mentioned below is considered foremployment positions in the cadre of Web Developer,Java Software Developer, Android App Developer as per market demand of the IT industry.

1. PG Diploma in Software Technology

Syllabus: C#.Net, VB.Net, Asp.Net, Core Java, Advanced Java & JEE/ Android mobile Application Development and projects.

2. Advanced Diploma in .NET Technologies

Syllabus: C# .Net, VB.Net, ASP.Net, AJAX, LINQ, ASP.Net MVC and Project

3. Advanced Diploma in Android Application Development

Syllabus: Core Java, Android application development –Basics, File &Database management , Location based services, Packaging and deployment & Project

4. Advanced Diploma in Java Enterprise Edition(JEE)

Syllabus: Core Java,GUI Development with AWT & Swing, Database Programming- JDBC, Advanced Java, JSP, Servlets, EJB, Struts, JSF, Hibernate, Spring & Project

5. Advanced Diploma in Web Application Development using PHP and MySQL

Syllabus: HTML, JavaScript, jQuery, PHP – Building Forms, Combining jQuery and PHP, Cookies, Session, PHP & XML, PHP &AJAX ,MySQL, PHP & MySQL &Project

We highly endorse that the structure and content of the above courses facilitates the goal of creating from fresh graduates there by bridging the gap between the academics and the industry.

Nandakumar Valakkada
HR Manager
Erigo IT Solutions



No: 17/1581 A4, Cepeekay Complex, Ram Mohan Road, Near Aarya Samaj
Kozhikode - 673 004, Tel: 0495 402 20 02
info@erigoitsolutions.com, www.erigoitsolutions.com

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www.xenoerp.com

25th November 2016

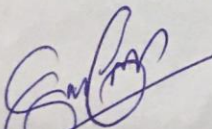
#16/217

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following courses conducted by NIELIT Calicut with Syllabus as mentioned below is considered for employment positions in the cadre of Web Developer, Java Software Developer, Android App Developer as per market demand of the IT industry.

- 1. PG Diploma in Software Technology**
Syllabus: C#.Net, VB.Net, Asp.Net, Core Java, Advanced Java & JEE/ Android mobile Application Development and projects.
- 2. Advanced Diploma in .NET Technologies**
Syllabus: C# .Net, VB.Net, ASP.Net, AJAX, LINQ, ASP.Net MVC and Project
- 3. Advanced Diploma in Android Application Development**
Syllabus: Core Java, Android application development –Basics, File & Database management , Location based services, Packaging and deployment & Project
- 4. Advanced Diploma in Java Enterprise Edition(JEE)**
Syllabus: Core Java, GUI Development with AWT & Swing, Database Programming- JDBC, Advanced Java, JSP, Servlets, EJB, Struts, JSF, Hibernate, Spring & Project
- 5. Advanced Diploma in Web Application Development using PHP and MySQL**
Syllabus: HTML, JavaScript, jQuery, PHP – Building Forms, Combining jQuery and PHP, Cookies, Session, PHP & XML, PHP & AJAX ,MySQL, PHP & MySQL & Project

We highly endorse that the structure and content of the above courses facilitates the goal of creating from fresh graduates there by bridging the gap between the academics and the industry.


Dinesh K Balan
CEO



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Nandakumar Nandanam <nanda24x7@gmail.com>

Course Validation - IT

4 messages

anooop kc <anoop@baabte.com>
To: nanda24x7@gmail.com

Sun, Nov 27, 2016 at 8:58 AM

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following courses conducted by NIELIT Calicut with Syllabus as mentioned below is considered for employment positions in the cadre of Web Developer, Java Software Developer, Android App Developer as per market demand of the IT industry.

1. PG Diploma in Software Technology

Syllabus: C#.Net, VB.Net, Asp.Net, Core Java, Advanced Java & JEE/ Android mobile Application Development and projects.

2. Advanced Diploma in .NET Technologies

Syllabus: C#.Net, VB.Net, ASP.Net, AJAX, LINQ, ASP.Net MVC and Project

3. Advanced Diploma in Android Application Development

Syllabus: Core Java, Android application development –Basics, File & Database management, Location based services, Packaging and deployment & Project

4. Advanced Diploma in Java Enterprise Edition(JEE)

Syllabus: Core Java, GUI Development with AWT & Swing, Database Programming- JDBC, Advanced Java, JSP, Servlets, EJB, Struts, JSF, Hibernate, Spring & Project

5. Advanced Diploma in Web Application Development using PHP and MySQL

Syllabus: HTML, JavaScript, jQuery, PHP – Building Forms, Combining jQuery and PHP, Cookies, Session, PHP & XML, PHP & AJAX, MySQL, PHP & MySQL & Project

We highly endorse that the structure and content of the above courses facilitates the goal of creating from fresh graduates there by bridging the gap between the academics and the industry.

Anoop K. C.

DIRECTOR & CTO



Baabte System Technologies Pvt Ltd.

An ISO 9001:2008 certified company

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Date:Mon, 18 Jul 2016 12:47:56 +0530
From:cherry....ever legend <rsai583@gmail.com>
To:sini@calicut.nielit.in

Dear ma'am,

This is Routhu shanmukha sai kumar done P.GDiploma course in SW100 (Software technologies) in NIELIT, Calicut. This course covers good modules in java, advanced java and .NET framework. As java courses has good demand in current IT sector, by completing this course succesfully I got an opportunity to get placed in 'Intelizign engineering services ltd, chennai' as java developer.

Thanking you,

Yours sincerely,
R. Shanmukha sai kumar.

Intelizign engineering services ltd, Chennai

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Annexure – V

Evidence of Requirement in the Industry

The main contents of this course are:

1. Core & Advanced Java
2. Dot Net Technologies / Android Application Development

So the candidates who successfully completing this course can work as 'Java Developer, Software Developer in Java, Dot Net Developer, Software Developer(Dot Net) , Android Trainee, Android Developer etc.



Protechsoft Walk-in Freshers Drive: Software Developers - On 5th Jan 2016

Company Name: Protechsoft About Company: Protechsoft established its operations in 1995 in the United States and since its inception has evolved into a multi-national organization catering to the IT needs of a wide range of industry verticals. F

Comments (1) | BE/B.TECH, CHENNAI, FRESHERS, FRESHERS 2014, FRESHERS 2015, IT SOFTWARE, M.SC, MCA, ME / M.TECH, PROTECHSOFT TECHNOLOGIES | [Read More...](#)



Agnisys Technology Off-Campus Freshers Drive: Java Developers: BE, B.Tech

Company Name: Agnisys Technology About Company: Agnisys Technology Pvt. Ltd. today announced that it is partnering with Platform Computing Inc. of Canada. "... joining the Platform Alliance Network program would enable us to provide customized h

Comments | AGNISYS TECHNOLOGY, B.SC, BCA, BE/B.TECH, FRESHERS, FRESHERS 2013, FRESHERS 2014, FRESHERS 2015, IT SOFTWARE, NOIDA, OFF-CAMPUS | [Read More...](#)



Geetham Software Walk-in Freshers Drive: Java Developers - On 30th to 15th Jan 2016

Company Name: Geetham Software Pvt. Ltd About Company: Geetham software Pvt. Ltd. Practical Agile is a non-dogmatic, lightweight approach that combines top-notch skills, a well-defined process, and exceptionally close collaboration with custom

Comments | BE/B.TECH, CHENNAI, FRESHERS, FRESHERS 2013, FRESHERS 2014, FRESHERS 2015, GEETHAM SOFTWARE PVT LTD, IT SOFTWARE, JAVA, MCA, ME / M.TECH | [Read More...](#)



Protechsoft Walk-in Drive for Freshers Software Developers (Java) - On 22nd Dec 2015

Company Name: Protechsoft About Company: Protechsoft established its operations in 1995 in the United States and since its inception has evolved into a multi-national organization catering to the IT needs of a wide range of industry verticals. F

Comments | B.SC, BE/B.TECH, CHENNAI, FRESHERS, FRESHERS 2014, FRESHERS 2015, IT SOFTWARE, JAVA, M.SC, MCA, ME / M.TECH, PROTECHSOFT TECHNOLOGIES | [Read More...](#)



Eagle Systems Freshers Walk-in Drive: Software Engineers (Java) - On 21st to 26th Dec 2015

Company Name: Eagle Systems About Company: Eagle understands your challenges and their underlying complexities. We know financial services, its regulations and pressures. We'll work closely with you and your team to help make sure the solutions we

Comments | BE/B.TECH, EAGLE SYSTEMS, FRESHERS, FRESHERS 2013, FRESHERS 2014, FRESHERS 2015, IT SOFTWARE, JAVA, ME / M.TECH, PUNE | [Read More...](#)

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Urgent opening for Software Developer

CRB Tech Solution Pvt Ltd - Pune, Maharashtra

Dot Net Developer, Java Developer, CAD/CAM, Android Developer, DBA, and SEO. In this CRB Tech Reviews we would like to focus on the job assurance. We have urgent...

19 hours ago

Sponsored by [Jobspire.net](#)

Dot net Developer

Sapean Technologies Pvt. Ltd. - Gurgaon, Haryana

₹15,000 a month

Freshers are also welcome for the same with good understanding of .Net framework and required tools. Clear understanding and working experience on .NetFramework...

25 days ago

Sponsored by [aasaanjobs](#)

Dot Net fresher

Revalsys Technologies - Hyderabad, Andhra Pradesh

* Good knowledge of HTML, CSS, Javascript and JQuery is very important. * Good knowledge on ASP.NET With C# using Visual Studio 2008/2010. * Good Knowledge of

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Solution Developer - .net / Dotnet developer_Tidel Park Coim...

Corpuslabs Solutions - Coimbatore, Tamil Nadu

Freshers please excuse us.*. Job title – Solution Developer - .net / Dotnet developer*....

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Java skills demand hits all-time high

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Employers look to Asia to fill posts while staff command high salaries - especially when they have business knowledge, reports Ross Bentley.

The demand for Java skills is soaring, creating a boom for programmers and causing headaches for employers and IT directors.



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Java is now the second most sought-after skill in the IT recruitment market, according to *Computer Weekly's* Survey of Appointment and Trends. Demand for the five-year-old language is second only to C++.

Corby-based food distributor Pauleys is in the process of rewriting its Windows systems in favour of a Java-based thin client environment. The [paucity of Java programmers](#) forced David Lane, research and development director, to seek developers from India.

"We are looking for permanent employees, not contractors," said Lane.

"I tried recruiting through graduate programmes and advertised the positions in the national press, but all to no avail, so I made contact with an Indian colleague through a Java newsgroup on the Web. It then took six months to get him a work permit despite his exemplary record - this has obviously put our project behind schedule," Lane said.

He has now shortlisted four candidates for a second position: one from India, one from Malaysia and two from Indonesia.

In May, e-commerce systems supplier Entranet advertised a £50,000 bounty to anyone who could find a team of 10 Java developers.

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.NET today, tomorrow and future..

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Maheshk [MSFT] June 22, 2016

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This blog post was drafted few weeks ago but stuck in the same state because I was not sure what to add or write on top of what we learned from our recent [dotnetConf2016](#). Any how today I decided to wrap this so that it will be useful for readers. This post is mainly written for .NET developer who wanted to know where we are heading as a community.

Motivation:- If you notice in recent times, there is a bunch of articles targeting .NET platform and its future. Few trolled about WPF and Winform roadmap. I saw most of them are one sided and simply trolled comparing with recent programming stack like **LAMP/MEAN** as an alternate. But the true story is, .NET is not going to go away. This applies to Java as well. I have my good old friends still doing WPF consulting work for big banking companies and happy with that. We all need "**Growth Mindset**" in looking at them.

We may have to agree that our recent startup companies are going 100% open source but when it comes to desktop development still WPF rules. The skill what you acquired from WPF is not going to be waste, because UWP is based on XAML. .NET is growing and evolving faster than ever. If you look at our .NET Foundation, it has got some fantastic open source projects run by community. We are breaking the platform dependencies, IIS, underlying win32 thick references which is the great thing for cross platform movement.

Technology:- Things are changing very rapidly when it comes to programming side especially for the web & mobile technologies. As we march towards "[mobile first cloud first](#)" world, it makes sense to investment towards platform mobility and in cloud. please note, "mobile first" here is nothing to do with our mobile device. It's about application mobility – should be able to port our app across the device.

Every week/month we see new set of tools/services/JS framework/scripting things comes out constantly and occupies the head line or top slot in tech conferences. One shouldn't be worrying about new things, we should stay calm and keep learning at least one new languages every year as an investment. If I remember correctly, for last few years we are seeing a trend in IT requirement. Yr 2013 was for Big data, 2014 for Machine learning/deep learning/AI, 2015 for IoT + dockers, again in 2016 seeing BoT, headless servers, nano servers, cognitive services and what not. Btw, Cloud and OSS is the constant thing for last few years and going to be more talked in coming years as well 😊. It shouldn't be a matter for us to pick up this in couple of weekends if we know the fundamentals of programming & design standards.

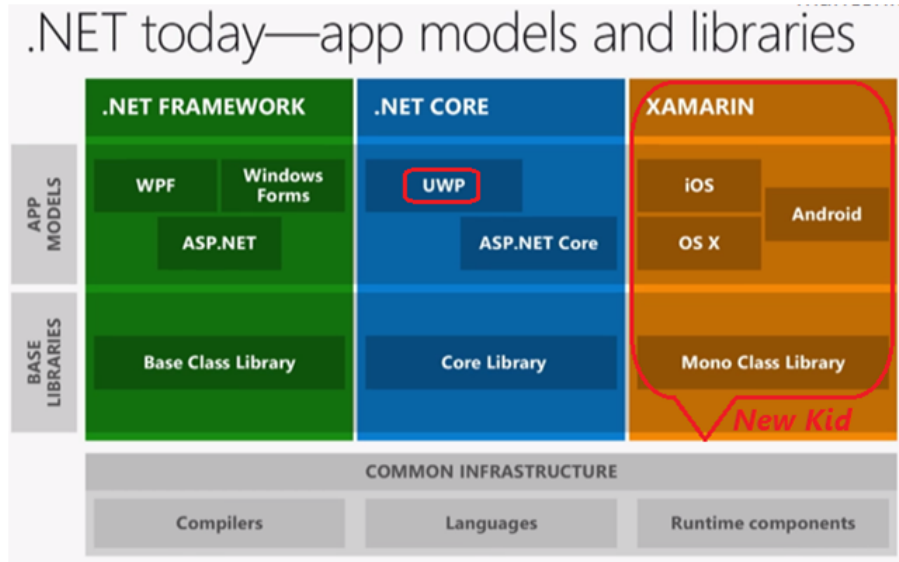
Roadmap:- If we know the technology roadmap in advance, then it is easy for anyone to refer and suggest for customers. I had this .NET roadmap guide constantly referred, forwarded to architects for newer design consideration but the last one published was in the year 2013 and sadly no update after that.

Get our last guide ".NET Technology Guide for business applications" downloaded from- > [here](#)
[P.s: Some of them are already outdated]

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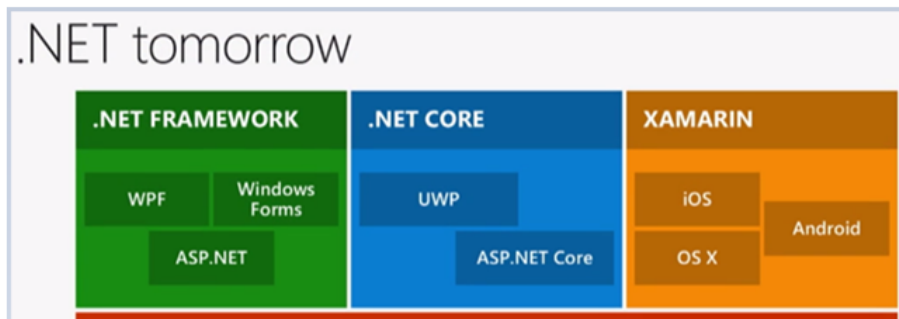
Having said all, Thanks to our recent .net Conference for sharing more clarity around .NET future and developments. If you are .NET developer and not seen the updates from our recent dotnetConf 2016 – then you are in the right place to get the updates through screenshot.

As title says, this is our current landscape. If you look closer, there is “no code sharing” across the platform and also carry the same learning. The new addition to this slide is our “UWP” and “Xamarin” story.



How about .NET tomorrow:- Yes, it allows us to reuse the skills by mastering one/two library not a platform. You can build and reuse the same code across the platform say iOS or Android or to OSX.

Main objective here is to make the “.NET standard library” to grow without updating platforms. It is going to be decoupled so that you can update libraries as you wish.




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Android App Development in Demand

By Shilpa Kappur Vasudevan | Chennai | Published: 03rd November 2014 06:00 AM
Last Updated: 01st November 2014 05:00 AM

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om has led to a surging demand in courses on Android app development. An online survey conducted by Sulekha.com found a 41% increase in searches related to Android app development this year. Based on traffic on the website, Sulekha says that searches on the portal for computer training service listings were from Mumbai, Bangalore, Chennai, Hyderabad, Kolkata, Pune and Tier 2 (Thrissur, Agra, Amritsar, Chandigarh, Kochi, Coimbatore, cities, in the last one year (September 2013 – September 2014). Courses for courses across India, according to the survey are Android Development Training, Java and J2EE Training, CCNA Certification Training, Web Designing Training, AutoCAD Training, C++ Training, Embedded Systems Training, and CAD and CAM Training.

we began analysing the search requests to know what exactly people are looking

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Android App Development in Demand - The New Indian

He says it is not surprising that there is a lot of demand for Android app development courses. "In recent years, there has been a lot of applications built in India, and app developers with about a couple of years experience are drawing handsome salaries, mostly in the bracket of Rs 6-10 lakhs," he reasons. The survey has also given Sulekha an opportunity to concentrate on putting up related info pertaining to the needs of the customers, he asserts. Sulekha does an online study across all 220 categories they advertise, says Prabakar.

Concurring with Prabakar is independent app developer Rabi Gupta. Rabi along with his partner Ashish Kumar founded the iCouchApp, which helps TV channels engage with their viewers through chat, voting and feedback on their mobile app platforms. Their clients include ZEE TV, Life OK and History TV18. Gupta says that while Java was much sought-after earlier, now Android, Windows Mobile and iOS app development training has taken centre stage now. "Freshers always have jobs on their minds and since these avenues help them with opportunities, the interest is surging," he says. With most app developers going independent and working as freelancers, the entrepreneurial streak of app development has also added to the panache, he feels.

On challenges, he says, "Earlier there were only a few entries. Now, every other day, new apps are being built and therefore, unless you are really creative and your app has an unbeatable USP, your inventions will die a quick death." He points out that apps in games and utility services like booking tickets and doing recharges
