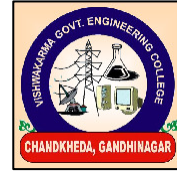




A Short Term Training Program on
Mobile Application Development
At VGEC Chandkheda, Sponsored By GTU
20th -24th June, 2011



Schedule

Day 1 - 20/6/2011

Time	Topic	Speaker
09:00 to 10:20	Breakfast and Registration	
10:30 to 11:30	Inauguration Ceremony Inaugural Speech: Dr. Akshai Aggarwal, Honorable Vice Chancellor, GTU Welcome Speech: Prof M R Patel About Program : Prof K R Trivedi Vote of Thanks : Prof S D Panchal	
11:30 to 1:00	Introduction to Mobile Platforms And Technologies	Mr. Balagopal KS Technology Expert, Forum Nokia
1:00 to 2:00	Lunch break	
2:00 to 3:30	<ul style="list-style-type: none">User Experience, UI and Usability With Mobile Applications.Introduction to mobile application development using Java	Mr. Balagopal KS Technology Expert, Forum Nokia
3:30 to 4:00	Refreshment/Tea	
4:00 Onwards	Mobile Application Development with S40 devices using Touch & Type Technology	Mr. Balagopal KS Technology Expert, Forum Nokia

Day 2 - 21/6/2011

Time	Topic	Speaker
10:30 to 12:30	Essentials Of Mobile Application Development For Symbian And Maemo OS(Nokia N900) Using Qt C++	Mr. Nitin Srivastava Technology Expert, Forum Nokia
12:30 to 1:30	Lunch break	
1:30 to 3:30	Introduction to Qt Quick For Rapid Application Development With Attractive UI	Mr. Nitin Srivastava Technology Expert, Forum Nokia
3:30 to 4:00	Refreshment/Tea	
4:00 Onwards	Hands-On Session	Mr. Nitin Srivastava Technology Expert, Forum Nokia

Day 3 - 22/6/2011

Time	Topic	Speaker
10:30 to 12:30	<ul style="list-style-type: none"> • Welcome To The World Of Android OS • Application Insight • User Interface & Application Space • Advanced UI Components Common Properties & Event Handling • Advanced UI Components • Custom Components • External Resources 	<p>Mr. Bharat D Sharma Director, Fortune Infocom Ltd Sponsored by: Amstar Technologies Pvt Ltd</p>
12:30 to 1:30	Lunch break	
1:30 to 3:30	<ul style="list-style-type: none"> • Deep Dive Into Developing Applications For Android OS- Examples And Demos • Intents in Depth • Content Providers • Data Storage • Android IDL (AIDL) • Security 	<p>Mr. Bharat D Sharma Director, Fortune Infocom Ltd Sponsored by: Amstar Technologies Pvt Ltd</p>
3:30 to 4:00	Refreshment/Tea	
4:00 Onwards	<ul style="list-style-type: none"> • Graphics • Multimedia • Manifest • Android Tools • Networking • GPS, Best Practices- • Hands-On Session 	<p>Mr. Bharat D Sharma Director, Fortune Infocom Ltd Sponsored by: Amstar Technologies Pvt Ltd</p>

Day 4 - 23/6/2011

Time	Topic	Speaker
10:30 to 12:30	Integrating Electronics sensors with Mobile Applications and case studies	Prof. Kiran Trivedi Associate Professor, SSEC, Bhavnagar
12:30 to 1:30	Lunch break	
1:30 to 3:00	Rapid Application Development With Python for Symbian OS	Prof. Mehul Jajal Assistant Professor, SSEC, Bhavnagar
3:00 to 3:30	Refreshment/Tea	
3:30 to 5:00	<ul style="list-style-type: none"> • Widgets – The Developer’s Choice • Mobile Eco-System From A Developer’s Eyes 	<p>Prof. Chintan Umraliya Asst Prof, Dr. J.N.M. Govt Poly, Amreli</p>

Day 5 - 24/6/2011

Time	Topic	Speaker
10:30 to 11:15	Protecting Your Intellectual Property Right In Mobile Applications. How to write and file a Patent	Prof. Kiran Trivedi Associate Professor, SSEC, Bhavnagar
11:15-1:00	Introduction to iOS development	Mr. Gargi Das Sr. Soft. Developer, Infostretch Solutions, Ahmedabad and Apple iPhone India representative (yet to be decided)
1:00 to 2:00	Lunch break	
2:00 Onwards	Valedictory Function and Certificate Distribution	

SPEAKER PROFILES

Mr. Balagopal K S

Technology Expert, Forum Nokia, Singapore -Bangalore

A former Forum Nokia Champion and an enthusiastic developer, Mr.Balagopal K S is a Technology expert at Nokia, Bangalore. Mobile application development is his work, passion and hobby. He cools off by listening to music and enjoys long drives. Mr.Balagopal, having his own community and network of developer friends, is a store house of solutions and a sure bet to extend your network.

Mr. Nitin Srivastava

Technology Expert, Forum Nokia, Singapore- Bangalore

Nitin Srivastava, a former Forum Nokia Champion, is currently a Technology Expert in Forum Nokia India. Nitin has a very strong knowledge in S60 Symbian C++. His expertise lies in Telephony, Messaging and GUI . His expertise was recognized by Nokia in the year 2008 and was selected as Forum Nokia Champion. Nitin is a gadget lover, passionate about music and sports.

Mr. Bharat D. Sharma,

Director, Fortune Infocomm Pvt Ltd

(14 years)Well know speaker on Mobile Application in India & aboard

- Has handled best of the line Computers, Laptops, Handheld devices, Phones and Electronic Gadgets.
- Expertise in generating project leads and turning them to be customers for long term revenue stream.
- Can handle a team / company of at least 100+ people and maintain the overall optimistic working environment. Multiple project handling and quick turnaround expertise with low resources
- Core team member of Nashik International Film Festival and currently implementing a Mobile based application for iPhone, Blackberry and Windows Mobile to be available to festival visitors, participants and members.

PROFESSIONAL QUALIFICATION

Bachelor of Engineering – Computer Science – University of Mumbai, India.

Vocational Course – Digital Electronics – University of Mumbai, India

EDUCATIONAL QUALIFICATION

- B.E (Computer Science) University of Mumbai.
- Intermediate (1998) from National College - Bhandup (Mumbai)

TECHNICAL EXPERTISE

- **Operating System:** Windows (all), Mac OS X Snow Leopard (all), Linux (Ubuntu & Fedora), UNIX, Free BSD.
- **G.U.I:** Visual Studio, Visual Interdev, Java, Xcode, Android, iPhone Simulator, Cocoa, Rapid Weaver, Windows Mobile SDK, Blackberry Toolkit, Symbian, Iron Speed, QT Framework.

- **Protocols:** HTTPS, FTP, IPv6, TCP/IP, RTP, H.323, Mobile IP, DHCP, UDP, XOT(X25 over TCP), SMTP, TRIP, HSDPA, 3G, UMTS, WiMax, 802.11(family).
- **Databases:** MSSQL, Oracle, MS-Access, MySQL, PostgreSQL, FileMaker.
- **Internet:** ASP.NET (VC# and VB.NET), ASP, XML, PERL, PHP, JSP, Python, Dream weaver.
- **Wireless Platforms:** iPhone SDK, Brew, Symbian, Blackberry, Android, WinCE on PocketPC and Smart phones.
- **Connectivity:** ODBC, JDBC.
- **Servers:** MS Exchange, MS BizTalk, Samba, Apache, Xserve & Mac OS X Server (Snow Leopard).
- **Web Graphics:** Adobe Photoshop, Corel Draw, Illustrator, Fireworks, Flash, Image ready, PageMaker.
- **Out-of-Box Software's:** Code warrior (Cross Platform development tool using C++ for Windows and Macintosh), Web crossing community board for iitiim.com (webcrossing.com), buildacomunity.com software's for community building, VXMail (Voice Email Service), Credit cards (payment gateway on cybersmartinvestor.com), Shop site (E-commerce storefront building software), IMail (Ipswitch.com mailing service for NT Server.), PayPal, WorldPay (payment gateway for crimeonline.info).
- **Hardware's:** MacBookPro, iMacs, Mac Book(own), Dell(own), Windows Mobile(own), iPhone(own)
- **Other Software's :** RFID toolkits, BSE / NSE Data Feed & SDK,
- **Training (Undergoing):** Microsoft SharePoint & Microsoft BizTalk Server

WORK EXPERIENCE

Working as Business Head & Technology Consultant (Client Interaction & Technology) at Fortune Infocomm Pvt. Ltd

Duration: October 1998 – Till Date (13.3 Years)

Countries Travelled: Switzerland, France, Germany, Jordan, Egypt and UAE.

Active Participation: Nashik International Film Festival (Funded by Government of Maharashtra).

iPhone Projects

- **2DCodeMe:** For U.S based company as an outsourced contract from local Indian company.
- **Pets Management System:** For France based client.
- **GiftMate:** Gift cards management system for the U.S client.
- **Rapid Weaver and FileMaker plug-in:** For U.S based client.
- **Olympics Application:** For U.S based client.
- **BuddySearch:** For U.S based client to search online buddies.
- **UV Measuring System:** For India based client.

Android Projects

- **Film Management System:** This gives the details about the film being screened in the multiplexes across the city. Complete details about the Cinema, Film Name, Seats Availability, Time and Date. Developed using Java and MySQL.
- **Olympics 2010:** For the Olympics games schedules, medal tally and players profiles. The system runs using the Java and MySQL.
- **W2BI:** For their cross platform mobile application on iPhone, Blackberry and Android. The application was being developed using C++, SQL Server and PHP.
- **VOIP:** This project is for different mobile platforms and would let the users do communication over VOIP and have the basic chat, contact and RSS feed features.

Windows Mobile Projects

- **Stocks and MF Advisory Application:** For U.S based Financial Investment Advisory.
- **Cell Tower Detection:** Detection of the cell towers in vicinity with signal strength and GPS modules.
- **W2BI:** For their cross platform mobile application on iPhone, Blackberry and Android. The application was being developed using C++, SQL Server and PHP.
- **VOIP:** This project is for different mobile platforms and would let the users do communication over VOIP and have the basic chat, contact and RSS feed features.