



MOBILE APPLICATION DEVELOPMENT COURSE SYLLABUS



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Mobile Application Development Syllabus

SLA is one of its kind Institute which not only equips you in technology skills but will train you for free in Aptitude skills, Soft Skills, Mock Interviews, Interview Skills, Work ethics and Corporate Values that you need to know to get into IT Industry. Our training is given by expert real time development experienced trainers and we enable each and every student of ours to do their own real time projects by the end of the program.

We do not buy you a job by bribing companies to secure a place in IT, instead we equip you with the skills needed to get employed in IT and will support you with unlimited number of relevant interview opportunities so that your career in IT becomes assured. Our support will be there until you get placed in an IT Company as that's our mission too.

If you want to just have an IT certification, you can do your course anywhere. If you aspire to get into an IT Job, then you should choose SLA. With SLA, your IT dream will definitely come into reality.

Please go through the long list of our student reviews / offer letters @ www.joinsla.com to get to know more about us.

Introduction

- ❖ Introduction to Mobile Computing
- ❖ Introduction to
- ❖ Android Development Environment

Factors in Developing Mobile Applications

- ❖ Mobile Software Engineering
- ❖ Frameworks and Tools
- ❖ Generic UI Development
- ❖ Android User

More on UIs

- ❖ VUIs and Mobile Apps
- ❖ Text-to-Speech Techniques
- ❖ Designing the Right UI
- ❖ Multichannel and Multimodal UIs

Intents and Services

- ❖ Android Intents and Services
- ❖ Characteristics of Mobile Applications
- ❖ Successful Mobile Development

Storing and Retrieving Data

- ❖ Synchronization and Replication of Mobile Data
- ❖ Getting the Model Right
- ❖ Android Storing and Retrieving Data
- ❖ Working with a Content Provider

Communications Via Network and the Web

- ❖ State Machine
- ❖ Correct Communications Model
- ❖ Android Networking and Web

Telephony

- ❖ Deciding Scope of an App
- ❖ Wireless Connectivity and Mobile Apps
- ❖ Android Telephony

Notifications and Alarms

- ❖ Performance
- ❖ Performance and Memory Management
- ❖ Android Notifications and Alarms

Graphics

- ❖ Performance and Multithreading
- ❖ Graphics and UI Performance
- ❖ Android Graphics and

Multimedia

- ❖ Mobile Agents and Peer-to-Peer Architecture
- ❖ Android Multimedia

Location

- ❖ Mobility and Location Based Services
- ❖ Android

Putting It All Together (as time allows)

- ❖ Packaging and Deploying
- ❖ Performance Best Practices
- ❖ Android Field Service App

Security and Hacking (as time allows)

- ❖ Active Transactions
- ❖ More on Security
- ❖ Hacking Android

Platforms and Additional Issues (as time allows)

- ❖ Development Process
- ❖ Architecture, Design, Technology Selection
- ❖ Mobile App Development Hurdles
- ❖ Testing

Are you happy with our course curriculum? Then why you delay? Take your mobile phone and ring us quickly on +91 88707 67784.