

Pratheeka G

Objective:

Seeking an opportunity to work in your esteemed company and serve the company with the best of my capabilities and equipping myself with rich technical skills.

Profile Summary:

- Experience: **2.6 years** of IT experience, working as Senior Systems Engineer for **Infosys Limited**.
- Primary Skill: **Android application development, Core Java**
- Technical Skills: **Android, Java, JSP, Servlets, SQLite**
- Domain Skills: **Web Architecture/Mobile banking applications**, including requirements gathering, application analysis, design, development, implementation and testing.
- Completed 6 months exhaustive training on **Core Java** and **Web Applications Development** conducted by Infosys Limited from Oct 2010 to April 2011.
- Underwent a training session conducted by Infosys SetLabs team which covered major vulnerabilities in a web application.

Technical Skills:

- Languages: Java, Basic C
- Programming: Java, Android, JSP, Servlets ,EJB,Thread
- Android: Proficient in Application development and common framework APIs (Location, Camera, Notifications, Map APIs etc)
- Development Tools (IDE): Eclipse Europa, Galileo .
- Markup Languages: HTML,HTML 5, XML, JavaScript, jQuery.
- Databases: SQLite, PL/SQL
- Tools: Tight VNC, TamperIE, Paros BurpSuite, Microsoft Visual SourceSafe, Android SDK.
- Server: Apache Tomcat

Significant Projects:

1. Android Banking Application Development

Client: ICICI Bank
Duration: Nov 2012 to Present

Description:

Along with basic banking functionalities, this projec included implementing additional features like Push Notification, Location based services, Video and Audio Podcasts for privileged bank customers.

Contribution:

- Development of Android Application for banking functionalities, connecting to backend services using JSON and XML.
- Development of Validation framework, Audio and Video podcasts using Android Media APIs.
- Was involved in implementing Push Notification, Time, Event and Geolocation based Notifications for android app.

2. Android Application Development

Client: Finacle Mobile banking and Infosys SetLabs
Duration: Mar 2012 to Oct 2012

Description:

Mobile Banking product includes development of banking functionalities for common banking services over four channels viz rich clients, browser, USSD and SMS.

Contribution:

- Development of Android application for banking functionalities for Finacle Mobile Banking Product.
- Development of Multi Lingual functionality for the product.
- Development of ATM Locator and Locate Us functionality using Google Map APIs.

3. Penetration Testing for mobile banking application

Client: Al Hilal Bank
Duration: Jan 2012 to Feb 2012

Description:

Penetration Testing was performed to find out security flaws in the mobile banking application on Android and iPad platforms.

Contribution:

- Prepared a test plan and performed PT for web application vulnerabilities such as SQL Injection, Man in the Mobile, Brute Force, Session Hijacking, Session Fixation, Cross Site Scripting, Broken Authentication and Application Reversing using open source tools such as Paros, Burp Suite, TamperIE and Echo Mirage.

4. Finacle Mobile Banking Architecture Team

Client: Finacle Mobile banking and Infosys SetLabs
Apr 2011 to Oct 2011

Duration:

Description:

Architecture team was involved in developing and improving frameworks and architectures for mobile banking.

Contribution

- Analysing and studying the existing framework for handling exceptions.
- Identifying areas for improvement and simplification, modifying the framework to handle exceptions based on criticality.

Educational Qualifications:

- Graduated with **B.E. in Electronics and Communication from Sri Jayachamarajendra College of Engineering** in the year 2010 with FCD (79.2%).
- Completed 10th and 12th examinations in the year 2004 and 2006 with the percentage of 94.72 and 90.11 respectively.

Significant Achievements:

- Completed Infosys training program with a CGPA of 5
- Completed the STAR Infoscion training program.