Senthil Kumar
Android Developer - Coca-Cola

Alpharetta, GA - Email me on Indeed: indeed.com/r/Senthil-Kumar/24386ddb98cf50f7

• Around 7 years of Software Design and Development Experience in Java based applications.
• Around 5 years of experience on smartphone and tablet development experience. Developed and architected multiple Android applications across versions. I have a good understanding of Android Back-end and UI guidelines.
• Extensively worked on almost every stage of application development right from collecting requirements, providing guidelines for design, creating application architecture, implementation that includes various stages in development, QA, code signing and releasing to Market.
• Expertise in developing apps using SQLite, java, XML and HTML5
• Extensively worked on memory leaks, push notifications, content providers, multiple screen support, data offline usage, accounts and sync on Android.
• Have developed applications in such a way that device adaptability (Android device forms and SDK levels) is default architecture imperative.
• Expertise in Object Oriented Architecture, Design and Programming from design to implementation.
• Expertise in developing applications using Java, J2EE, Struts, spring, Hibernate and JSP.
• Experience in architecture design, development and implementation of software applications and testing.
• Have hands-on experience in complete project life cycle, with domain knowledge in Mobile Application Development and Web application development.
• Experience in web service protocols such as JSON, HTTP, and XML.
• Experience on JavaScript and PHP client-server side development.
• Working knowledge of graphic design and handling various kinds of media using Photoshop, Illustrator, and Dreamweaver.
• Good communication skills: I have interacted with customers regularly during development of the mobile applications.
• Have a good understanding of side mobile development factors such as server side interfaces, security, enterprise enablement, analytics, data feeds and content management systems.
• Ability to coordinate with various team members involved in the project.
• Quick learner, excellent analytical, design and problem solving skills.
• Always curious to learn new skill or a new technology

WORK EXPERIENCE

Android Developer
Coca-Cola   -   Atlanta, GA   -   January 2013 to Present

Link: https://play.google.com/store/apps/details?id=com.mycokerewards.android&hl=en

Description: The Coca-Cola MCR application provides a way to manage Coca-Cola rewards, point balances, offers based on location and user profile.

Responsibilities
• Involved in requirement gathering and designing of the application.
• Responsible for consuming the REST services, getting JSON response and parsing them to get the required information.
• Implemented unique design for portrait and landscape mode.

• Implemented SQLite database
• Work closely with the web application development team to ensure proper integration between mobile application and web application.
• Debugging and Root cause analysis of production issues
• Tested the application on various Android devices

Android Developer
Caterpillar   -   Peoria, IL - June 2012 to December 2012

Link: https://play.google.com/store/apps/details?id=com.appdataroom.catsales&hl=en

Description: CAT Sales app is designed for Caterpillar and its Dealer Sales personnel who have CWS login access. This app provides sales representatives access to the marketing material to be sent to their customers and potential customers.

Responsibilities
• Adding new features to android stack.
• Involved in designs and implements UI, classes, and activities.
• Fixing bugs reported by service providers and testing team.
• Used SQLite database.
• Worked with the design team to create the interactive UI.
• Worked in an agile environment delivering in short sprints.
• Tested the app in various virtual devices and real devices.

Android Developer
NBC Universal   -   New York, NY - January 2012 to May 2012

New York, NY January 2012 - May 2012
Title: "CNBC Alarm Clock 1.0"
Link: https://play.google.com/store/apps/details?id=com.tring.cnbc&hl=en
Role: Android Developer

Description: With CNBC Alarm Application users can wake up with business news bearing instantaneously. Users can choose their favorite CNBC anchor as their alarm sound, and you'll get the state of S&P in their very own words as your alarm. It can also display News, Video and Weather based on user location.

Responsibilities
• Architected the application from scratch and was also responsible for interacting with CNBC team in regard to project updates and technical discussions
• Worked on the entire Alarm Module Functionality which includes creating One time Alarm, Repeating Alarm and Alarms with Week day or Week end patterns
• Triggering alarm sounds set by an user based on current Marketing conditions
• Constructing http requests, fetching server response and parsing feeds wherever required
• Caching alarm related information on to database
• Analysis of mobile application code for re-engineering

Android Developer
"HBO GO Tablet"   -   New York, NY - August 2011 to December 2011

Link: https://play.google.com/store/apps/details?id=com.HBO

Description: After a few successful launches of HBO Phone project HBO finally decided to extend the application support to Tablet devices as well. The application did receive tremendous response after launch. HBO GO was released as a universal application that supports both phone and Tablets. The views would differ a bit for 7 inch and 10 inch tablets which includes Kindle Fire. The application was released on Amazon App Store as well.

Responsibilities
• Designed screens related to Categories and Detail description for Tablet for both 7 inch and 10 inch devices by customizing views as per mockup. Created Master-Detail Interface for tablet implementation.
• Updated backend validations to meet tablet specific requirements
• Added Omniture and BI events for Tablet
• Added parser classes for Tablet which involved parsing JSON feeds
• Had interactions with HBO team on daily progress, project updates and questions if any.
• Implemented data caching mechanism
• Added Facebook and twitter related API's
• Provided subsequent releases which included feature changes, enhancements and bug fixes

Android Developer
"MAX GO Phone" - New York, NY - April 2011 to July 2011

Link: https://play.google.com/store/apps/details?id=com.MAXGo

Description: MAX GO was a white labeled application that replicated all features that HBO GO phone had. UI changes along with backend modifications were done here.

Responsibilities
• Worked on updating the UI as per design specs for Front Page and Categories
• Updated backend feeds applicable for this application
• Updated Omniture and BI event tracking
• Fixed bugs and issues found during testing

Android Developer
"HBO GO Phone" - New York, NY - October 2010 to March 2011

Link: https://play.google.com/store/apps/details?id=com.HBO

Description: With HBO GO ®, enjoy instant and unlimited access to every episode of every season of the best HBO shows, movies, comedy, sports, and documentaries on Android Smartphone device. The first release of this application crossed about one million downloads after which this project was extended for Tablets as well.

Responsibilities
• Implemented video playback for HBO using Authentec DRM library
• Designed screens related to Front Page and Categories
• Handled user sessions and obtaining content based on the same
• Implemented State Management and data caching mechanism
• Parental Control based validation and scenarios
• Provided architectural inputs, daily updates, sorting open issues that involve issues related to design, development and implementation.

Android Developer
Wood Wing America - Detroit, MI - March 2010 to September 2010

Description: Wood Wing provides the best software solutions for efficient cross-media content publishing for magazines, newspaper and books. We designed a prototype E-reader application based on open sourced OFIP (Open Format for Interactive Publications) format. The format is exclusive for Tablet based Smartphone's and we designed this application for Samsung galaxy Tab 7 inch. My role involved creating screens based on data provided by OFIP on their tablets.

Responsibilities
• Parse the XML feeds that were provided by OFIP
• Construct basic views and page designs based on the XML that was being parsed
• Designed a prototype application which had all these features integrated into a single one

Android Developer

TI Media Solutions   -   New York, NY   -   September 2009 to February 2010

New York, NY September 2009 - February 2010
Title: "Time Mobile 1.0"
Role: Android Developer
Link: https://play.google.com/store/apps/details?id=com.Time

Description: This application was exclusively developed for TIME Inc. Time Mobile is a news portal kind of application which provides users with latest news updates in various categories. It clocked over half million downloads within few weeks of its release. It was made as a Featured application in Android Market at that time.

Responsibilities
• Designed screens related to categories and detail pages for this application.
• Developed quick search as well as voice search functionalities in this application.
• Fixed issues that cropped out during testing

ASP Programmer/Web Developer

Photon InfoTech   -   Chennai, Tamil Nadu   -   June 2007 to August 2009

Responsibilities
• Participated in requirements gathering from the end users, design, development, testing phases.
• Various HTML and interactive pages was developed using Microsoft Visual InterDev.
• Developed interactive content using Active Server Pages (ASP) technology.
• Both Client side and Server side scripting was accomplished using JavaScript/ VBScript.
• Worked with ActiveX Data Objects (ADO) to communicate with data layer.
• Several Active Server Components were used for the enhancement of application's functionality.
• Wrote stored procedures and created tables using SQL.
• Worked with Internet Information Server to create Virtual Directories for web site deployment.

References will be provided upon request.

EDUCATION

Bachelor of Engineering in Electrical and Electronics

Anna University   -   Chennai, Tamil Nadu

ADDITIONAL INFORMATION

Technical Skills
OS Windows 8/7/Vista/XP, Mac OSX, Android 1.x/2.x/4.x, and Ubuntu 12.04
Languages JAVA, C, C++, JavaScript, JSON, JQuery, and Python
Markup Language HTML/CSS, HTML5, and XML
Development tools Eclipse Galileo-Kepler, Netbeans 5.x, and MS Visual Studio
Databases SQL, SQLite, and MS-Access
Other Tools/Software OpenGL, VMware workstation, and Oracle virtual box, GenyMotion Emulator