Alluri N
Android Developer - All State Insurance

North Carolina - Email me on Indeed:

• In depth experience over 7 years in Android application design, development, testing, deployment in both consumer and enterprise based applications.
• Extensively worked on different stages of application development right from collecting the requirements, providing guidelines for design, creation of application architecture, implementation that includes various stages in development, code signing and release into the market.
• Profound experience in Software Development Life Cycle (Requirements Gathering, Project Design, Development and maintenance phases)
• Skilled in developing APIs for middle ware Framework modules for mobile platforms using Java.
• Extensively worked with Android SDK, Android Studio and Eclipse IDE along with Android ADT plug in.
• Extensive experience in building mobile applications using Android framework APIs such as (Location, Camera, Animations, Maps)

• Designed GUI and interfaces with services for mobile applications.

• Experience in using Fragments, Activity workflow, Action Bar Navigation, Menu designs and view controls, and Loaders.
• Experience in designing UI layouts using Linear Layout, Relative Layout, Frame Layout, Table Layout and using Android Widgets and custom Widgets.

• Experience in using Storage options in Android like Shared Preferences.

• Designed GUI and interfaces with services for mobile applications, Asynchronous Programming in Android (such as Thread pool, Tasks and services) . Implemented the monetization of apps, which has capabilities to do in-app purchases.
• Experienced in integrating payments in apps such as PayPal, Authorized.net.
• Hands on experience using media framework using Android API and skills like multimedia usage, video, sound and graphics, networking.
• Excellent in troubleshooting and debugging software applications, creating, executing and documenting test cases for Android app.
• Experience in using SQLite Database, Content Providers and Sync Adapters for mobile data management.
• Experience in working with XML parser's, RESTful API's and server side technologies like Apache and PHP.
• Solid understanding of interfacing to back-end system using XML/JSON, REST API, OAUTH, etc.
• Expertise in using Design patterns and object oriented methodologies to design software for mobile phones.
• A valued team member with strong written communication, verbal communication skills, problem solving skills, customer service and interpersonal skills.
• A self-driven, goal oriented, customer focused software professional with proven ability to successfully work in all phases of Software development lifecycle.

WORK EXPERIENCE

Android Developer
All State Insurance - Northbrook, IL - April 2014 to Present

App Name: Allstate℠ Mobile

The Allstate Corporation is the third largest personal lines insurer in the United States (behind State Farm and GEICO) and the largest that is publicly held. The company also has personal lines insurance operations in Canada.

Application provides customer services like fuel outage, towing, tire changing and locks out cases. User can request a service and pay for it, and then service provider reaches the location and finishes the service.

Link in the Google Play - https://play.google.com/store/apps/details?id=com.allstate.view

Responsibilities:
• Involved in requirement gathering, UI design and development.
• Worked on innovative background reflecting the user account status that changes according to user's account.
• Worked closely with the testing team.
• 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.
• Implemented unique design for portrait and landscape mode.
• Used web views, list views & populated lists to display the lists from database using simple adapters.
• Responsible for consuming the REST services, getting JSON response and parsing them to get the required information
• Added parser classes for Tablet, which involved parsing JSON feeds.
• Used Github repository to run the Jenkins job for continuous integration.
• Implemented data caching mechanism.
• Created UI & functionality for authentication feature.
• Involved in development and enhancements of features to restrict the usage based on Authorization and Authentication tokens.
• Provided subsequent releases, which included feature changes, enhancements and bug fixes.
Environment: Android SDK, Java, Eclipse IDE, JSON, REST Web Services, XML, GIT-HUB and Jenkins.

Android Developer
Charter Communications Inc   -   St. Louis, MO - February 2014 to March 2015

App Name: Spectrum TV
Play Store Link: https://play.google.com/store/apps/details?id=com.charter.tv
Description:
Spectrum TV app enables users to watch over 46 live channels. You can also download movies, TV shows and watch them on the go. By sign in with charter.net email user can access personalized features of the app such as Watch List, Downloads and Favorites.
Responsibilities:
● Assisted in designing the User Interface (UI/UX) and overall look and feel of the app.
● Implemented Fragments to make the app usable on both Smart phones and Tablets.
● Involved in adding the gestures to the app to show the Top Level view, Categorized View and the detailed view of the RSS Feeds.
● Worked on Generic Grids and Custom List Views to list the XML feeds.
● Developed the app to adapt to different orientations (Landscape/Portrait) and various resolutions (ldpi/mdpi/hdpi) based on the device.
● Integrated and used third party libraries to cache image data and improve performance of the application.
● Developed and implemented the XML Parser for feeds from various sources and displayed the parseddata in the app.

● Responsible for design of user interface using various custom layouts, buttons, dialog boxes, alert boxes and different form of widgets.
● Added suitable code to capture the various button and text field events and implemented the desired action for each of the widgets.
● Used web views, list views & populated lists to display the lists from database using simple adapters.
● Sync data using Sync Adapter by retrieving data from the server via Retrofit and updating data locally via Content Provider.
● Successfully developed secure communication between the client and the server and using algorithms to encrypt data.
● Performed Unit testing on the various modules/functions to ensure that the output is as expected.

Environment: Eclipse, Android SDK, Java, SQLite, SVN, XML

Android Developer

Verizon Telematics   -   Atlanta, GA - December 2012 to January 2014

App Name: Verizon my FiOS, https://play.google.com/store/apps/details?id=com.verizon.oxygen&hl=en
Description:
The MY FiOS App gives existing customers easy access to their Verizon account and services with useful and amazing interactive features. The App is available to both FiOS and other residential customers, and the features will vary depending on your services.
Responsibilities:
• Implemented Fragments on the main screen, On Click of each fragment takes to another tab.
• Contributed to application requirement analysis for achieving the specifications provided by the client.
• Involved in developing the UI for the app using TextViews, Buttons, Check boxes, Alert dialogs, Action bar and spinners for various layouts.
• Integrated location based services using Google Maps API to display locations of the nearest stores.
• Implemented Alert Dialogs to alert the user when a coupon is about to expire via push notifications.
• Handled time constraint issues, exception and error handling for the application.
• Collaborated with web services team to implement the backend support.
• Designed and developed the request and response data to and from database.
• Implemented SQLite databases to monitor shipments.
• Implemented customized web view component to load an SWF file and HTML data.
• Involved in unit testing, integration testing and user acceptance testing.
• Performed Unit testing on the various modules/functions to ensure that the output is as expected
• Used JIRA to track issues.
Environment: Eclipse, Android SDK, Java, SQLite, Google Maps API, SVN

Android Developer

Infologitech Systems pvt ltd - November 2011 to October 2012

App Name: Spotways
Description:
Spotways is a location based field force task automation and geo-intelligence product-platform. It helps organizations with sales/field force, feet-on-street, customers/retailers, moving assets etc, manage the work, organize their travel/movement, optimize their geographies etc. Using the platform, Spotways provides geo-intelligence for growth decision enabling. Spotways uses mobile technologies and cloud for a seamless anywhere-anytime experience. Spotways is a B2B product deployed as SAAS
Link in the Google Play - https://play.google.com/store/apps/details?id=com.infologitech.spotways
Responsibilities
● Worked on an Open Source project for tracking module for continuous tracking.

- Worked on Collecting Location Data from GPS and Showing it on map using Google Maps API.
- Worked with Web Team to Communicate with Server using Restful Web-services.
- Involved in development of Dynamic Form Builder with the received JSON from Web Server.
- As part of Dynamic Form Building worked on features like Image Capture, Barcode and QR-code Scanning.
- Build Sync logic to send collected data to Server.
- Developed EMI Calculator as part of one of the requirement.
- Troubleshooting Sync Issues and Conducted Analysis to improve performance.
- Worked on JAVAMAIL API for sending mail in background.
- Worked on Update patches with bug fixes.

Environment: Android SDK, Eclipse IDE, Java, XML, SQLITE, Restful web services, JAVA Mailing API, SVN, PHP, MYSQL.

JAVA Developer

Inforlinx Solutions Private Limited   -   Hyderabad, Andhra Pradesh - July 2009 to October 2011

Description: Inforlinx is an ISO 9001:2008 certified Web & Mobile Application Development Company. They help companies manage their IT needs for Web Development Solutions & Internet marketing. The core aim is to provide Web based Solutions and e-strategic modules to the people across the globe, with a distinct quality and in a cost-effective module for enhancing their business competencies.

Responsibilities:
• Analyzed the requirements of the client and designed the architecture.
• General Designs and Detailed Designed were reviewed along with peers.
• Development of UI screen with HTM and JSP.
• Work closely with UI/UX teams and backend teams.
• Implement the UI/UX customizations.
• Implemented Push notifications to notify user for all crucial information.
• Involved in unit testing, integration testing and user acceptance testing.
• Wrote Stored Procedures in MQSQL Database.
• Team coordination for different issues and referrals.
• Provided Onsite Support after the system went Live.
• Worked under the UNIX environment.

Environnent: Java, Servlets, JSP, EJB, JDBC, MQSQL, UNIX, Tomcat.

EDUCATION

Bachelor of Technology in Electronics and Communications Engineering
Jawaharlal Nehru Technological University

LINKS

https://play.google.com/store/apps/details?id=com.allstate.view

ADDITIONAL INFORMATION

Technical Skills:

Android OS Android 2.3 to Android 5 (Gingerbread, Honey comb, Ice cream sandwich, Jellybean, Kit Kat and Lollipop)

Languages Java, C

Scripting Language PHP, JavaScript

Web Designing HTML5, CSS, XML, JavaScript, JQuery

IDE Eclipse, NetBeans, Android Studio

Web/Application Servers Tomcat, IBM WebSphere

Framework Struts, Junit, AJAX, Angular JS, Espresso

Version Control Tools CVS, SVN, GIT, Jenkins

Databases SQLite, MySQL