Pavan p
Android Developer - General Motors

Detroit, MI - Email me on Indeed:

• 7+ years of Software Design, Development and Maintenance of mobile applications using Android SDK and web applications using Java/J2EE.
• Experience in each phase of software development life cycle like requirements gathering, analysis, design, development, testing, deployment and maintenance of Software Applications.
• Strong Knowledge in Waterfall, Agile/Scrum software development models.
• 5+ years of Experience in Design and Development of Android Applications using Android SDK, Eclipse IDE, Android Studio, SQL, SQLite, Java, XML, JSON. Published Several Android Applications in Google Play Store.
• Tested Several Android Applications using real devices, Geny Motion and Android Virtual Device.
• Hands-on experience on memory leaks, push notifications, multiple screen support, data offline usage, audio features, video features, graphic design and animation.
• Proficient in Working with different Android frameworks (Bluetooth, Location, Camera, Notifications, Maps)
• Expertize in Android UI toolkit (basic/picker/list views, adapters, dialogs, menus) and Layout Managers.
• Expertize in web service protocols such as JSON, HTTP, XML and Hybrid-app using Phonegap.
• Implemented Several Android Applications using Google Maps API, Geocoder API.
• Proficient in Internet Application Programming using technologies like Core Java, Struts, Spring, Web Services, Hibernate, EJB, JSP, Servlets, JDBC, RMI, JNDI, SOAP.
• Good Exposure with HTTP GET and POST Requests and parsing different types of responses.
• Hands on Experience in developing web based GUI using Java Applet, Servlets, JSP, AJAX, JavaScript, HTML and CSS3.
• Solid Understanding in Core Java concepts like Collections, Multi-Threading, Socket-Programming and Exception handling.
• In-depth Knowledge on Android basic components i.e. Activity, Fragment, Service, Broadcast Receiver and Content Provider.
• Good Exposure in working with Async task, Threads and Services in android.
• Experience in localizing the application to support multiple languages.
• Good Knowledge in version control systems like SVN and GIT.
• Knowledge of scripting in UNIX/LINUX, XML, XSLT, XML Schema.
• Built different Applications using databases like Oracle, SQLite and MySQL.
• Excellent communication, analytical and problem solving skills.
• Passionate to learn new skills and technologies.

WORK EXPERIENCE

Android Developer
General Motors   -   Detroit, MI - January 2015 to Present

Description:
The myGMC App is designed to provide convenient, mobile access to practical and functional features a car owner would want at the touch of a button. myGMC also offers one touch access to OnStar Remote Link, where you can remotely lock or unlock vehicle doors, or get important vehicle information.

Responsibilities:
• Involved in Analysis, Design, Development, Deployment and Testing of applications.
• Participated in ongoing initiatives to improve processes and establish best practices.

• Implemented full life cycle development of new web applications and modification of existing applications to add new components and features emphasizing maintainability, reliability, scalability and performance.

• Worked on innovative background reflecting the user account status that changes according to user's account.

• 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.

• Worked on UI and base Android framework issues during OS upgradation.

• Used version control GIT.

• Used MVC pattern to encapsulate client/server interactions helps to illustrate software-pattern roles as well as developer roles by separating object, components, and services into multi-tiers with well-defined boundaries.

• Testing included emulator and device testing with multiple versions and sizes with the help of ADB.

• Involved in design and developing re-usable web services using SOAP, XML, WSDL, XML Schemas and XSL.

• Used web views, list views & populated lists to display the lists from database using simple adapters.

• Used Android content providers for implementing features like sending E-mails, SMS, etc., from the app and designed suitable GUI for these applications.

• Used Services, Async tasks and Alert Notification API to implement event reminder feature into the mobile app.

• Embedded Google Maps API, GPS Location Data into app with zooming controls.

• Involved in working with Location Manager and Restful Web service with JSON.

• Tested the application on various Android devices.

Environment:
Android SDK 5.0, SQLite 3.6, Eclipse IDE 3.5, Android API's, RESTFUL Web service, DOM Parser, JDK 1.6, XML, JSON, HTML, CSS, GPS service, Log cat, Windows 7, ADT Plug-in, GIT (version control), DDMS console, ADB server, emulator and Base device (G1, HTC EVO)

Android Developer
CVS Caremark - Scottsdale, AZ - May 2013 to December 2014

Description:
The CVS/Caremark app lets you refill or request new mail service prescriptions, track order status, view prescription history and more. Features include Refilling mail orders, checking order status, checking drug costs and average etc.

Responsibilities:
• 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, Actionbar and spinners for various layouts.

• Worked on wide use of application framework like content providers, content resolver, AsyncTask, AlertDialog.

• Involved in working on Restful Web service with JSON.

• Worked on AJAX with JSON for web page dynamic refreshing.

• Handling XML data using efficient parsing techniques such as JSON Parser, XMLPullParser and DOM parser.

• Contributed in backend of the application that interacts with the database to form the JSON structure requiredfor Restful JSON response.

• Extensively used Web Views to display web components and parent.

• Utilized social networking and analytics APIs such as Facebook, Google Analytics.

• Integrated the Cache support to manage and retain the messages on device to provide offline capability within the app.
• JSON parsing to get information from inside the files.
• Used Crashlytics to detect and fix bugs.

Environment:
Java, Android SDK 4.4, XML, JSON, Ajax, JQuery, Genymotion, Postman (REST Client), Stash, JIRA, Android SDK, Web Services

Android Developer
MACYS   -   Natick, MA   -   February 2012 to April 2013

Description:
The project was an upgrade of the current Macys mobile application, whereby enhancing a more lucrative user authentication, improving page performance and providing customers with a richer, interactive navigational experience.

Responsibilities:
• Responsible for designing mode for different android devices.
• Responsible for designing all the GUI elements by making required modifications to the XML.
• Responsible for working on Custom UI widgets for summary.
• Used Multi-threading to implement parallel processing.
• Implemented client side RESTful call to receive JSON based response and parsed using GSON.
• Utilized a retention fragment technique to avoid losing the AsyncTask.
• Participated in the quality assurance of the app including, testing of the User Interface and testing the app on different mobile devices.
• Developed update patches, modules and components to fix bugs, adhere compliance & mitigate security risks.
• Configured security of the app with HTTP and SSL connection.
• Developed connection with server using Open Source libraries, Asynchronous Http Client for Android.
• Contributed in production release deployment, certifying release features, monitoring production logs and fixing production issues on demand.
• Involved in designing user-friendly tool to be used by deployment team on verifying content managementin Production/Lower environments.

Environment:
Android SDK 4.0, Java, XML, RESTful, JSON, Android Studio, Git, GSON, Fragments, Action Bar, Custom Dialog Boxes.

Android Developer
Audible Inc   -   Boston, MA   -   October 2010 to January 2012

Description:
Worked on a small team inside the large Audible (and even larger Amazon) structure to develop new features, provide enhancements, and fix bugs for the next release of the Immersion Reading plugin. The plugin is partof the Kindle Reader app for the Fire Tablets and other Android devices indirectly, which consume the tablet code as the basis for a separate app.

Responsibilities:
• Delivered Functional Requirements document after detailed Requirements gathering sessions with Business.
• 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 phone and tablets.
• Developed the app to adapt to different orientations and various resolutions (Ldpi/Mdpi/Hdpi) based on the device.
• Regularly followed up with Development Team to discuss discrepancies identified during testing and performance tuning.
• Supported the design, development, testing and implementation of new business and support applications.
• Worked with the Android SDK, and implemented Android Bluetooth and Location Connectivity components.
• Used logcat, DDMS (Dalvik Debug Monitor Server) and trace viewfor debugging and detecting memory leaks.
• Implemented unique design for portrait and landscape mode.
• Handling XML data using efficient parsing techniques such as DOM parser.
• Work closely with the web application development team to ensure proper integration between mobile application and web application.
• Used GIT for project management and version control.
• Used JSON to fetch data from the server using RESTful web services.
• Implemented list views for displaying new releases.
• Provided subsequent releases which included feature changes, enhancements and bug fixes.

Environment:
AndroidSDK, EclipseIDE, AndroidAPIs, JDK, RESTWebservice, GIT, WebLogic, JQuery, Ant, XML, CSS, JSON, SQLite, Log cat.

JAVA Developer
Pro-Soft Technology Group Inc   -   Hyderabad, Andhra Pradesh - June 2008 to September 2010

Description:
Metro PCS Communications, Inc. is a provider of wireless communications services. The project involves developing web based Performance Driven Compensation System, that helps system administrator, managers, team leaders and other employees of the company to track salary and increases.
Responsibilities:
• Client-side Java application development and server-side Java API development.
• Created Servlets and Java Server Pages (JSPs) to facilitate user management.
• Designed and Developed xml schema to represent the data model objects in an xml.
• Developed Parsers using SAX and DOM, implemented System oriented Architecture methodologies.
• Development & enhancement of Business Components for order processing application.
• Developed Servlets and Java classes to communicate with the Database using JDBC.
• Retrieved dynamic content data for all content pages.
• Tested application with unit testing, manual testing and writing test classes.
• Created database including tables, views, functions, constraints etc.
• Used Tomcat as App server and Oracle as the database to develop and deploy the application.
• Used agile methodology (used Scrum) for development and was present in daily stand up meetings and weekly team meeting. Also attended bi-weekly planning meetings.
• Effectively participated in communication with Business Analysts and architects.

Environment:
Java, Servlets, JDBC, Windows, JavaScript, HTML, CSS, SQL, J2EE, JSP and Rational Application Developer 7.0.

EDUCATION

Bachelors in Information Technology

Osmania University   -   Hyderabad, Andhra Pradesh

SKILLS

Android SDK 5.0, SQLite 3.6, Eclipse IDE 3.5, Android API's, RESTFUL Web service, DOM Parser, JDK 1.6, XML, JSON, HTML, CSS, GPS service, Log cat, Windows 7, ADT Plug-in, GIT (version control),DDMS console, ADB server, emulator and Base device (G1, HTC EVO).

ADDITIONAL INFORMATION

TECHNICAL SKILLS:

Programming/Scripting Languages: C, C++, Java, J2EE, JDBC, HTML, XML, XSL, XSLT, JavaScript, JSP, Java Servlets, C#.net, Perl, Python, PHP, Android Application Development
Web Services: SOAP, REST, JSON, XML
Operating Systems: Windows, Linux, UNIX, Mac OSX, Android
Office Tools: Microsoft PowerPoint, Microsoft Excel, Microsoft Word, Microsoft Outlook
Database technologies: MySQL, PL/SQL, Oracle, SQLite
IDE's Used: NetBeans, Android Eclipse IDE (with ADT), Eclipse and their Debuggers, Android Studio, IntelliJ
Tools: Jenkins, ANT, ADT, Maven, IBM Rational Rose
Version Control Tools: CVS, Git, SVN, Bit Bucket
Web/Application Servers:Apache TOMCAT
Frameworks: AJAX, Spring, Junit, STRUTS
Methodologies: Agile/ SCRUM, Waterfall