**VAIBHAV REDDY**

**ANDROID DEVELOPER**

**Professional Summary**

* Around 7 years of IT experience, with 3+ years of experience in Mobile Applications and 3 years of experience in analysis, design and development of Java based applications.
* 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.
* Expertise in using **design patterns** and **object oriented methodologies** to design software for mobile phones.
* Participated in **datastructure**, **multithreading, collections, exceptionhandling** and **serialization**.
* Skilled in developing **APIs** for **middleware framework** modules for mobile platforms using **C** and **Java.**
* Experience in architecture design, development and implementation of software applications and testing.
* Worked on Android **Sdk** and frameworks and customizing it as per requirements.
* 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.
* Worked on developing applications using **Java**, **J2ee** and **Struts**.
* Participated 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.**
* Worked on **JavaScript** and **PHP** client-server side development.
* Experience of developing unit test cases in **C,** using **Unit test frame work**.
* Experience of using **version control** and bug reporting tools like **CVS** and **GIT.**
* Built Web pages that are most interactive using **Javascript** and **Angular JS**.
* Worked closely with other Software Developers, QA and production support groups to develop top quality applications for business needs.
* Experience in software engineering and **scrum/agile** development methodologies and test driven deployment.
* Experience in architecture design, development and implementation of software applications and testing.
* 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.

**Education**

Bachelor of Engineering in **Information Technology**(IT) from **Jawaharlal Nehru Technological University**, Hyderabad, India in the year 2009.

**Technical Skills**

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| **OS :** | Windows 10/ 8/ 7/Vista/XP, Linux, Android 2.1-6.0 |
| **Languages :** | JAVA, C, C++, JavaScript, JSON, Angular JS and JQuery |
| **Markup Language :** | HTML/CSS, HTML5 and XML |
| **Development tools :**  **Methodologies :**  **Web Servers :** | Eclipse, Android Studio, NetBeans 5.x, and MS Visual Studio  Agile Methodology and Waterfall Model  Tomcat Apache HTTP Server |
| **Databases :** | SQLite, MySQL, Oracle |
| **Tools/Software :** | OpenGL, VMware workstation, Oracle virtual box and LogCat,Geny Motion Emulator |

**Professional Experience**

**Capital One, San Francisco, CA**

**Role: Android Developer Sept’15 - Till date**

**Link: https://play.google.com/store/apps/details?id=com.capitalone.mobile.wallet&hl=en**

Capital One offers credit cards, home loans, auto loans, checking and savings account and online banking services for both businesses and individuals. We deliver real time purchase notifications on your credit cards will help you keep track of your transactions, and you’ll see your spending in a whole new light with detailed purchase info. while making purchase using your eligible credit and debit cards. The customer can view debit and credit card balance, recent transactions and available credit all at a glance.

**Responsibilities:**

* Designed and developed mobile application for Android mobile devices with extensive user interface development.
* Used web views, list views and populated lists to display the lists from database using simple adapters.
* Worked on Material design concepts like **recycler view**, **card view** and **tool bar**.
* Worked on background tasks using **Services** and **Threads**.
* Implemented customized web view component to load an **SWF** file and **HTML** data.
* Implemented the required GUI by making modifications to the **XML files**.
* Responsible for consuming the **REST services**, getting **JSON** response and parsing them to get the required information.
* Handling XML data using efficient parsing techniques such as **DOM parser**.
* Responsible for design of **user interface** using various custom layouts, buttons, dialog boxes, alert boxes and different form of **widgets**.
* Implemented complex **custom layout** design for the application.
* Inserted suitable code to capture the various button and text field events and implemented the desired action for each of the widgets.
* Work closely with the web application development team to ensure proper integration between mobile application and web application.
* **Synchronizing** the server for getting the credit and due balances of the customers.
* Followed **agile methodology** for implementing the application.
* Involved in developer testing by porting the app on multiple devices with various screen sizes.
* Worked on debugging the application using **Log cat.**
* Tested the application on various Android devices.

**Environment*:*** Android 5.x, SQLite, Log cat, RESTful Web Service, Google API, Frameworks, Git.

**AutoDesk, San Rafael, CA**

**Role: Android Developer Nov’14 – Aug’15**

**Link: https://play.google.com/store/apps/details?id=com.pixlr.express&hl=en**

Customers across the manufacturing, architecture, building, construction, and media and entertainment industries use Autodesk software to design, visualize, and simulate their ideas before they're ever built or created. With Pixlr Photo editor app, capture any moment and changes using free effects, overlays and filters. Once finished the app can be shared on social media.

**Responsibilities:**

* Worked on background tasks such as **Async tasks**, **Services** and **Threads**.
* Constructing **HTTP** requests, fetching server response and parsing feeds wherever required.
* Analysis of mobile application code for re-engineering.
* Participated in design reviews to finalize the screens.
* Involved in requirement gathering and designing of the application.
* Created menu layout for easy access throughout the app accessibility.
* Used expandable list views to create drop-down lists using custom objects.
* Responsible for designing and implementation of custom UI’s animation and graphic rich interfaces.
* Integrating **Cordova** into the project to make it run as a mobile application.
* The **SQLite** to cache the data received from the **REST** web services
* Implemented unique design for portrait and landscape mode.
* Handling **XML** data using efficient parsing techniques such as **DOM** parser.
* Implemented customized web view component to load **swf** file and **HTML** data.
* Ensured that application supports multiple screen resolutions and versions.
* Responsible for consuming the **REST** services, getting **JSON** response and parsing them to get the required information.
* Work closely with the web application development team to ensure proper integrations between mobile application and web application.
* Contributed in production release deployment, monitoring production logs and fixing production issues on demand.
* Tested the application on various Android devices.

**Environment:** Android SDK 4.4, Eclipse IDE, PhoneGap, JSON, REST Web Services, XML, Action-Bar**.**

**Expedia, Bangalore, India**

**Role: Android Developer Sept’12 – May’14**

**Link: https://play.google.com/store/apps/details?id=com.expedia.bookings&referrer=mat\_click\_id%3D815241cf6286e8691cadcf3defe5f4e1-20160421-159126**

Expedia is the pioneer of online travel industry, which has revolutionized the travel industry over the years. Expedia offers travelers the ability to select and book a wide selection of hotel accommodation, flights and tourist attractions across the world. Expedia also stayed ahead of the curve by continually evolving its technology to meet the ever changing demands of the rapidly developing global travel market.

**Responsibilities:**

* Participated in several spaces like Designing, Enhancements, Bug fixing and maintaining of application.
* Customized different widgets that include **Button’s**, **Toast** and **Widgets**.
* Extensively utilized **Async tasks**, **Thread**, **Handler**, **Services** to provide smooth UI experience.
* Implemented unique design for portrait and landscape mode.
* Used **web views**, **list views** to display the list from database using simple adapters.
* Involved in requirement gathering and designing of the application.
* Worked with XML to extract the data and display it on app.
* 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
* Gathered user requirements followed by analysis and design. Evaluated various technologies for the Client
* Developed **HTML** and **JSP** to present **Client side GUI.**
* Involved in development of JavaScript code for Client Side Validations.
* Designed the **HTML based** web pages for displaying the reports.
* Developed Java classes and JSP files.
* Extensively used XML documents with **XSLT** and **CSS** to translate the content into HTML to present to GUI.
* Responsible for consuming the **REST** services, getting **JSON** response and parsing them to get the required information.
* Developed dynamic content of presentation layer using **JSP.**
* Testing included emulator and device testing with multiple versions and sizes.
* Developed, Tested and Debugged the **Java, JSP** and **EJB** components using **Eclipse**.

**Environment:** Java, Android SDK, J2EE, JSP 2.0, Servlets 2.4, JDBC 3.0, HTML, XML, Java Script, Android API's GPS, REST, JSON, Eclipse IDE 3.5,CVS, ADT Plug-in DDMS console.

**GMR Group, Hyderabad, India**

**Role: Java Developer Mar’11 – Sept’12**

This is a Web based project, developed for providing services to their clients at different places. This application gathers the information, which is maintained in various service stations. The information at a service center is technically processed based on the warranty. The processed information is send to the hub for placing the parts order for replacement. This project also monitors and maintains the manifesto regarding the details of the inventory.

**Responsibilities**

* Identified system requirements and developed system specifications, responsible for high level design and development of use cases.
* Dynamic web site design and programming using **MySQL, HTML, XHTML, CSS** and **JavaScript**.
* Designed and developed a generic and extensible **RDBMS** to **XML** translation software.
* Involved in Significant customer interaction resulting in stronger Customer Relationships.
* Involved in designing Database Connections using **JDBC**.
* Implemented role-based **UI** with **Java applets** using **Swing components**. Invoked remote objects to assign/reassign, approve or reject defects, and to communicate among team members.
* Involved in design and Development of UI using **HTML, JavaScript** and **CSS**.
* Develop single page application using **AngularJS**
* Developed, coded, tested, debugged and deployed **JSPs** and **Servlets** for the input and output forms on the web browsers.
* Implemented the integration with back end system with web services using SOAP.
* Implemented **RMI objects** to validate logins, retrieve and update defect records
* Created **Java Beans** accessed from **JSPs** to transfer data across tiers.
* Installed shopping carts by use of **CGI scripts** for business client websites.
* Developed application using **Apache Tomcat**.
* Have developed stateless session enterprise java beans.
* Database Modification using **SQL**, **PL/SQL**, **Stored procedures**, **triggers**, **views** in **Oracle8i**.
* Responsible for designing the logical and physical database structure for the **Oracle 8i**.
* Experience in going through bug queue and assigning bugs to team members, analyzing and fixing bugs, and Filing, following-up, and escalation of bugs.

**Environment**: Tomcat Web Server, Jdk1.3, Servlets, JDBC, Angular JS, Javascript, JSP, Swing, RMI, CGI, Oracle 8i.

**EESoft Technologies, Hyderabad, India**

**Role: Associate Software Developer Aug’09 – Feb’11**

EESoft Technologies provides software services across a wide spectrum of domains. We developed a e-procurement product that was designed as a zero client footprint, web-based product. The application server was a content management product, which enables the buyer to host the suppliers’ catalogs. It included various systems to manage the Purchase Requests and Purchase Orders.

**Responsibilities**

* Developed bulk loading module, costumer specific access control model and search functionality for the catalog server in our product.
* Responsible for designing and developing catalog server UI using **XML/XSLT**
* Developed shopping cart functionality (Back end and UI) for the catalog.
* Responsible for meeting the specific performance goals for the catalog server put forth by the customer.
* Deployed the application using **Tomcat** webserver.
* Worked on web-based reporting system with **HTML, JavaScript** and **JSP**.
* Involved in Designing the Database Schema and writing the complex **SQL** queries.
* Accessed the database using **JDBC**.
* Used **Oracle 8i** database for the application.
* Extensively involved in writing Stored Procedures for data retrieval and data storage and updates in **Oracle** database using **JDBC**.

**Environment**: Tomcat, Java 1.2, JavaScript, JVM, JDBC, Oracle, XML