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| Pavani Galijerla,  android developer | (573) 529-7154  pavanirajug@gmail.com |

**Summary of Experience**

* 6+ years of experience as Software developer using Java Web technologies.
* 3+ year of experience as Android Developer working with 2.3 (Gingerbread), 4.0 (Ice Cream Sandwich), 4.1 (Jelly Bean), 4.4 (KitKat) and 5.0 (Lollipop)
* Highly experienced in banking companies and tourism companies
* Proficient in object-oriented design, data structures, problem solving, complexity analysis, and debugging
* Keen eye for front-end development and skilled in the usage of new and powerful technologies to improve performance
* Proactive interest in latest technology and industry topics / self-learning such as Android Wear, Android Beam (NFC), Android TV, and Google Chromecast
* Expertise in the usage of third party libraries for better performance loading images or HTTP requests
* Developed applications that need the usage of multithreading and asynchronous processes
* Incorporated methodologies of development such as Scrum and RUP
* Highly skilled in the implementation of external libraries (APIs) like Twitter, Facebook, Instagram and Google+
* Proactive interest in the usage of sensors and Sensor framework provided by the Android SDK
* Advocate learn the data transfer with Bluetooth and NFC with Android frameworks
* Helped identify constraints and requirements of different projects in order to create proper documentation
* Conceptualized, designed, and implemented Android mobile projects
* Modeled project’s architectural diagrams and created their specific document elements (roles, activities, events) and behavior implementing UML methodology. I elaborated class diagrams, component diagrams, activity diagrams, use case diagrams, and sequence diagrams
* Extensive debugging skills and eye to improve code performance, identify security risks and spot required validations
* Experienced testing applications, deploying projects using different containers like jboss, glassfish and tomcat servers at local and remote locations.
* Advocate of TDD and promoter of the testing of applications in both simulators and devices before releasing the final version
* Skilled in writing and running tests for Android applications using Robotium and Robolectric
* Able to use the Android Debugging Bridge (ADB) to install or uninstall APK’s, to access databases; also to use the Android log console
* Knowledge of the most famous version control systems like Git, SVN and Tortoise
* Highly experienced with technologies and procedures to promote the continuous integration of the projects
* Able to communicate effectively, accurately and clearly to express or debate any technical requirement
* Planned and executed detailed manual (Gantt charts), and fixed duration (time is known) project plans and creation of detailed activity documents for collaborators
* In charge of the configuration of servers (logic perspective): domain, DMZ firewall, web servers, application servers and DB access
* Regarded as a mentor by my junior teammates. Someone who is always motivated and cares about personal and team performance and is always helping others during difficulties
* Skilled in problem solving, understands complexity and finding ways to benefit of the project
* Responsible and committed team member
* Upgraded spring security implementation to a latest version in order to mitigate risks
* Knowledge of code obfuscators to preserve the security of development
* Worked with cipher algorithms to improve security while manipulating data such as LDAP, SHA-1, SSL, RSA, DSA
* Designed web pages with new trends taking advantage of the most recent user interface patterns
* Developed responsive web pages to be used by browsers at desktop, tablets or phones
* Created mobile-friendly versions of existing websites using responsive design
* Skilled in the creation of friendly user interfaces for Android applications
* Experienced developing and consuming java web services such as JAX-WS (SOAP) and JAX-RS (RESTful)
* Able handling JSON and XML HTTP requests from web services and parsing responses using native implementations and third party libraries
* Worked with stored procedures, triggers, and schemas of Database Management Systems
* Expertise with SQLite implementation for Android applications
* Managed MYSQL, Oracle, PostgreSQL and MongoDB

## Education:

**B. Tech** Electronics & Communications, GPA 3.5/4.0, JNTU, INDIA

## Technical Skill Set:

**Languages**: Android, Objective C, Java J2SE, J2EE, C, C++, C#, JavaScript

**Markup Languages:** HTML5, HTML, XML and XHTML, CSS3

**Databases:**  Oracle 11g, Oracle 12g, MySQL, SQLite, PostgreSQL, MongoDB

**Frameworks:**  Struts MVC, Spring MVC, Spring Security, JSF, JQuery, Hibernate, JQuery Mobile

**App/Web Servers:**  Jboss 4, Jboss 5.1 EAP, Jboss 6, Apache Tomcat, Glassfish 3

**Web Services:** Restful, SOAP, JSON, GSON

**IDES:** Android Studio, Eclipse Android, Spring Android, Eclipse, My Eclipse, Net beans, Visual Studio, Xcode, IntelliJ IDEA

**Libraries:** KSoap, Bootstrap, Universal Image Loader, Picasso, GSON, Http Client, Volley, Angularjs, Facebook API, Twitter API

**Operating Systems: Microsoft** Windows, Mac OS, Android, iOS

**Google API’s:** Google Maps, Google Analytics, Google AdMob, Google Cloud Services

**Change Management Tool:** Tortoise, Git, Subversion

**Methodologies:** Scrum, Agile, Waterfall, RUP

**Testing Tools:** JUnit, Robotium, Robolectric, JMeter, Test Fairy

**Others:** Microsoft Visio, Microsoft Project Manager, Apache Ant, Apache Cordova, Phonegap

**Analysis and Modeling:** UML, MVC, Singleton, Delegates, TDD, OOP, OOD, Dependency Injection

## Work Experience

**Verizon, Dallas, Texas Mar 2015 – Current**

**Senior Android Developer**

* Helped to update the version of the app and give support for Android Lollipop
* Updated the UI/UX by adding Drawer Menu
* Incorporated the tab navigation over the application using the View Pager Indicator third party library
* Introduced the push notifications through the Google Cloud Messaging API
* Implemented List View to show the different options.
* Secured the code of the application by the obfuscation of it
* Enhanced the module that communicates with the Java Web Service to make the application Login
* Improved the usage of Picasso library to the management and loading of images
* Implemented the cipher method for the storage of sensitive data such as passwords within the Android application
* Designed the UI/UX of the application using Custom Views
* Improved the UI/UX using customized Android styles and themes
* Enhanced the User Experience with the implementation of the Tab Navigation
* Chaired the integration with the Facebook API inside the application
* Integrated the Twitter API inside the application
* Worked with the integration of Google Maps API into the application
* Created the SQLite helper for the application local storage

**Technologies Used:** Java, View Pager Indicator, Google Cloud Messaging API, Drawer Layout, Picasso, Custom Views, Facebook API, Twitter API, Google Maps API, SQLite

**Xerox, Baltimore, MD June 2014 – Feb 2015**

**Senior Android Developer**

* Enhanced the UI/UX to follow the guidelines provided by Google’s Material Design
* Improved the search navigation Activity for find out station names
* Added the push notifications through the Google Cloud Messaging API
* Tested Android application with Robotium and Robolectric testing tools
* Incorporated the JUnit test cases for the http connections
* Coordinated the implementation of Volley in the HTTP requests inside the application
* Added the SQLite tables for new elements of the application
* Introduced the usage of Picasso library to the management and loading of images
* Charted the social networks connection of the application with Twitter
* Introduced the usage of Shared Preferences to store important data about social network connections
* Designed the UI/UX of the application using Custom Views and List Views
* Introduced the Google Maps API integration with the application
* Led the team in charge of gathering the requirements from the customer
* Introduced the SQLite helper for the local storage of the application
* Programmed the locale to support different languages
* Incorporated the communication between the application and the other Android applications supported by the customer
* Helped to mitigate errors and bug corrections
* Obtained the requirements through interviews with the customer
* Designed the ERM (Entity Relationship Model) for the database using UML and Microsoft Visio tools

**Technologies Used:** Volley, Material Design, Google Cloud Messaging API, Robotium, Robolectric, JUnit, SQLite, Twitter API, Picasso, Shared Preferences, Google Maps API, Java

**WWE, CT Oct 2013 - May 2014**

**Android/ Mobile Application Developer**

Link: <https://play.google.com/store/apps/details?id=com.wwe.universe>

Fans can make their voice heard and participate in live **WWE** programming. They will be able to watch Monday Night Raw and Friday Night Smack Down on TV, and bring along their smart phone or **tablet** for exclusive **in-app** access to WWE's **second-screen companion experience**.

* Made Enhancements for the **Live TV show**.
* Defect fixes and enhancement of the **app**.
* Debugged and **tested** the application on device.
* Handling off shore team for co-ordination of requirement change, **bug fix** and development.
* Maintaining live contents for **second screen** android experience.
* Involved in **bug fixing** and **testing in Android**.

**Technology: Android SDK 1.5**, Java, Eclipse 3.5, **ADT Plugin**, SVN. XML, **Multi-threading**, **SQLite3**, **Notification**, **HTML5, CSS3**, Shared Preferences, Fragments, Windows 2000/XP

**Vanguard, PA Jan 2013 - Sep 2013**

**Android/ Mobile Application Developer**

Link: <https://play.google.com/store/apps/details?id=com.vanguard&hl=en>

The app developed on Android gets the latest account activity, Vanguard information and market news on investments. It creates and maintains user accounts such as mutual fund, brokerage account. It handles transactions like buying and selling investments. The transaction history could be viewed.

* Involved in requirement gathering, design and implementation.
* Designed the **User Interface** (**UI**) with Web View for logging in user specific accounts.
* Developed Android native widgets for **Vanguard mobile App.**
* Development of various modules in accordance with Agile Methodology framework.
* Used **Web Services** and networking to parse xml online data from server.
* Peer review of Code.
* Bug fixes and enhancement of the app with new features.
* Debugged and tested the application on device.

**Technology:** Java, Eclipse 3.5, **Android SDK 1.5**, XML, **Multi-threading**, SQLite3, **Notification, ADT Plugin**, Shared Preferences, Fragments, Windows 2000/XP.

**GBI Data Browser, Apple Inc. -Bangalore, India Jan 2012 - Dec 2012**

**Java Developer**

**Responsibilities:**

* Analyzed Object Oriented Design and presented with UML Sequence, Class Diagrams.
* Developed UI screens extensively with ExtJS. Developed several forms, validations, grids using ExtJs framework
* Used Restful Web Services as middle tier layer between UI and SOAP Web services
* Developed General Ledger module, which streamlines analysis, reporting and recording of accounting information. General Ledger automatically integrates with a powerful spreadsheet solution for budgeting, comparative analysis and tracking facility information for flexible reporting.
* Developed UI using HTML, JavaScript, and JSP, and developed Business Logic and Interfacing components using Business Objects, XML, and JDBC.
* Designed user-interface and checking validations using JavaScript.
* Managed connectivity using JDBC for querying/inserting & data management including triggers and stored procedures.
* Developed components using Java multithreading concept.
* Developed various EJBs (session and entity beans) for handling business logic and data manipulations from database.
* Involved in design of JSP’s and Servlets for navigation among the modules.
* Designed cascading style sheets and XSLT and XML part of Order entry Module & Product Search Module and did client side validations with java script.
* Hosted the application on Web Sphere.

**Technologies Used:** J2EE, Java/JDK, JMS, PL/SQL, JDBC, JSP, Servlets, EXTJS, EJB, JNDI, JavaBeans, XML, XSLT, Oracle 9i, HTML/ DHTML, UML, JavaScript.

**CaffeMacs, Apple Inc. -Bangalore, India Nov 2009 – Dec 2011**

**Jr Java Developer**

CaffeMacs is a web application from which apple employees can order food from their conference rooms. Major functionalities are creating order, approving order, meal ticket which varies based on roles (CaffeAdmin, Vice President (VP), Special Vice President (SVP) and Employee).

* Involved in Development, Analysis, Planning, Coding and Test Scripts development
* Worked with JSP, Servlets, JSF, JSTL/EL
* Worked with JDBC and JQuery
* Configured and Maintained Subversion version control
* Implemented Data Access Object, MVC design patterns
* Experience of working in Agile Methodology, Sprint Methodology
* Worked with restful web Services and WSDL
* AJAX is used for seamless communication between client side and server for every event
* Developed calendar.js library using jQuery for customized calendar
* Worked on Uniboxing and Routing Functionality with deploying Application to Apple Server (Using WSDL, SOAP and UDDI)
* Worked with Complex SQL queries, Functions and Stored Procedures
* Developed Test Scripts using JUnit and JMockit
* Worked with JQuery to implement Client Side and Server Side validations
* Worked with log4j utility to implement run time log events.
* Worked with ANT and Maven to develop build scripts.
* Configured Development Environment using Tomcat and Apache Web Server.

**Technologies Used:** JSP 2.1, J2EE Design Patterns, HTML 5, JavaScript, JSF, JQuery 1.6/1.7, JQuery UI, XML, Servlets 2.5, WSDL, JUnit, CSS, AJAX, Apache 2.0, Tomcat 5.5,Oracle 9i/10g, Oracle Application Server.