**Vamsi Krishna**

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**PROFESSIONAL SUMMARY:**

* **Over 8+ years** of experience in analysis, design, development, implementation and testing client, server and enterprise applications using Java and **J2EE** technologies.
* **5+years**of experience in **Android application development**.
* Good understanding in **Android OS, interactive application development and memory management.**
* Proficient with common **Android Framework API’s** (Location, Camera, Notifications, Maps).
* Experience in implementing native libraries in application by using **Android SDK** and **Android NDK**.
* Experience in using **Fragments, Activity workflow, Action Bar Navigation, Menu designs, custom views, and Loaders.**
* 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.
* Good mobile and web design skills using **HTML 5, Java Script, AJAX and XML**.
* Good experience in **Object Oriented Design** (OOD), **analysis** (OOA), **modeling** (OOM) based on **Unified Modeling Language** (UML)**.**
* Worked extensively in developing mobile-based and advanced web-based applications using **Java, Servlets, JSP, Struts, spring, Hibernate, JDBC, UML, HTML, XHTML, JavaScript, JDBC, and Oracle**.
* Knowledge in developing applications using **Struts** frame work, **spring** and **hibernate.**
* Worked on with **Android API’s** (SMS, Content Provider, Google Maps and API SQLite) and **Google APIs**.
* Worked on GUI applications using **Java SWING** and **AWT**, **Java Native Interface (JNI)**.
* Experience with source code control management like **subversion** (SVN) and **GIT**, good at using the markup languages like **JSON** and **REST.**
* Expert in writing client-side validations using **validation framework** and **Java Script**
* Experienced in programming skills in Java including Plug-in Architecture, HTML, CSS and XML.
* Worked on **Cordova** to bring the application to multi-platform with HTML, CSS and JavaScript.
* Knowledge on wireless technologies Bluetooth, NFC.
* Experience on working with JUnit testing, functional testing.
* Experience with **TDD (Test-driven Development)** process for software development.
* Experienced in developing apps involving RSS feeds.
* Experience in **requirement analysis, functional analysis, excellent conceptual and logical thinking.**
* Experience in performance optimization of Android applications and exposure to tools such as **Trace View, Lint, and Hierarchy Viewer.**
* Designing and implementation of User Interfaces and Navigation elements.
* Experience mobile security, user-interface.
* Knowledge on debugging and problem-solving skills with **Android Studio**, **Eclipse, IntelliJ IDEA, IDEA and RAD.**
* **Knowledge of** adding Coupons **to wallet for Google pay, Android and apple wallets.**
* Experience in various methodologies like of **SDLC** like **Agile** development and **waterfall** development.
* Knowledge on Expresso testing Framework and automation Framework tools.
* Knowledge on HTTPS securities and cryptographies over the network.
* Ability to grasp and master new technologies, excellent analytical and problem-solving skills.
* Able to take initiative; work independently and also as a team player.

**EDUCATION:**

* **Bachelor of Computer Science, JNTUK’12, India.**
* **Masters in Information Technology, Stevens-Henagar college’17, USA**

**TECHNICAL SKILLS:**

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| --- | --- |
| OS | Windows8/ 7/Vista/XP, Mac OSX, Android, Ubuntu, Linux |
| Languages | JAVA, C, C++, JavaScript, PHP, JSON, jQuery, Objective c kotlin. |
| Markup Language | HTML/CSS, HTML5, XML |
| Development Tools | Android Studio, Eclipse, NetBeans 5.x, MS Visual Studio, PhoneGap, IBM Work light, Sublime Text, XCODE |
| Databases | SQLite, MySQL, Oracle |
| Frameworks | Java Development Kit (JDK), jQuery, Android SDK, Angular JS, Cordova |
| Web Servers | Tomcat 6.0 & Apache HTTP Server, WAMP |
| Enterprise Technologies | Windows 98/2000/XP/VISTA/7, Microsoft Office Suite, Linux, Scanners, Desktop and Network Printers, MAC, LogMeIn Central, GPMC, RDP, Internet Information Services, VMware, Ci0trix XenServer, Virtual box, In-code, Google Email. |
| Other Tools/Software | Dreamweaver, Photoshop, Alice, 3Ds Max, OpenGL, Firebug |

**PROFESSIONAL EXPERINCE:**

**Client: Wastequip, Charlotte, NC Nov 2019 – Till date**

**Role: Android Developer**

**Responsibilities:**

* Resolving API issues with Web team to get accurate JSON response for Mobile with params.
* Worked on Java and Kotlin in this project
* Working in Migration Java to Kotlin and Latest SDK.
* Involved in **UI design, Development** and requirement meetings.
* Work closely with the web application development team to ensure proper integration between mobile application and web application.
* Worked on Kotlin **Coroutine, Lambdas** Functions.
* Worked on connecting **third party scanning device** with **Bluetooth** and **WIFI** to scan barcodes with custom **camera** in the app.
* Used **MVVM model** to design the structure of the code.
* Worked on **API Calling using Retrofit** and tested with **POSTMAN**.
* Developed custom **camera** with **Firebase** Vision Processing for getting text from camera (**OCR**).
* Managing huge data calling to UI with **pagination**.
* Implemented Room Database and create a complete structure in local phone.
* Worked 2 months on implementing TV android app with Lean back activity
* Worked on **live data** to manipulate data from API.
* As Client preferences we only used **Material components** like icons in SVG format and XML code for UI.
* Created Remote/Offline database **Syncing** with a job management for Offline usage.
* Implemented various design patterns like Adapter, builder and factory pattern.
* Performed Unit testing on the various modules/functions to ensure that the output is as expected.
* Implemented material design concepts like **Recycler view** and **Tool bar**.
* For Better Performance and tolling support, we used **Constraint Layout**.
* Used **Recycler views** and **Web views** to display the lists using the simple adapters.
* Worked on linear, frame and relative layouts and react native android development.
* Provided subsequent releases which included feature changes and bug fixes.
* Tested the application on various android devices.

**Client: Wells Fargo, Charlotte, NC July 2018 – Sep-2019**

**Role: Android Developer**

**App Link:** [**https://play.google.com/store/apps/details?id=com.wf.wellsfargomobile**](https://play.google.com/store/apps/details?id=com.wf.wellsfargomobile)

**Responsibilities:**

* Involved in design and requirement meetings.
* Involved in UI design and development.
* Work closely with the web application development team to ensure proper integration between mobile application and web application.
* Working knowledge of Kotlin for a small part in this project.
* Understanding/Using eBay frameworks for Service calls invoke and parsing.
* Implemented various design patterns like Adapter, builder and factory pattern.
* Performed Unit testing on the various modules/functions to ensure that the output is as expected.
* Implemented material design concepts like **Recycler view** and **Tool bar**.
* Used Recycler views and Web views to display the lists using the simple adapters.
* Worked on linear, frame and relative layouts and react native android development.
* Provided subsequent releases which included feature changes and bug fixes.
* Tested the application on various android devices.

**Environment:** Java, Android 5.0 - 7.0, Android studio, Git, JSON, XML, Jenkins, JIRA and Crashlytics.

**Client: T-Mobile, Atlanta, GA Nov 2017 – June 2018**

**Role: Android Developer**

App Link: <https://play.google.com/store/apps/details?id=com.tmobile.digits>

**Responsibilities:**

* Involved in UI design, development, Testing and Re-design.
* Used web views, list views & populated lists to display the lists from database using simple adapters.
* Work closely with the web application development team to ensure proper integration between mobile application and web application.
* Handling XML data using efficient parsing techniques such as DOM parser
* Used SQLite to save user healthcare preferences, insurance information and optional medication history to refine the search
* Used Android content providers for implementing features like sending E-mails, SMS, etc. from the app and designed GUIs for these applications
* Developing with Java and updating manifest file for permissions along with Rxjava update.
* Constructing http requests, fetching server response and parsing feeds wherever required.
* 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.
* Inserted suitable code to capture the various button and text field events and implemented the desired action for each of the widgets.
* Used services, Async tasks and Alert Notification API to implement event reminder feature into the mobile app.
* Involved in designing and implementation of variety of modules like 'Find Provider' where you can search every kind of doctor available near to your location.
* Involved in working with Location Manager and Restful Web service with JSON.
* Tested the application on various android devices.

**Environment:** Android 4.2 – 6.0, SQLite , Eclipse IDE , Android API's, RESTFUL Web service, DOM Parser, XML, JSON, HTML, CSS, GPS service, Log cat, ADT Plug-in, GIT (version control), DDMS console, ADB server, emulator and Base device (G1, HTC EVO)

**Client: Verizon, Basking Ridge, NJ Aug 2016 – Oct 2017**

**Role: Android Developer**

**App Link:** [**https://play.google.com/store/apps/details?id=com.verizon.verizonidauth**](https://play.google.com/store/apps/details?id=com.verizon.verizonidauth)

**Responsibilities**

* Participated in all the phases of the Software development life cycle (SDLC) which includes Development, Testing, Re-Design
* Design screens using **MVC** pattern for the application with Android Studio IDE.
* Involved in full life cycle of the application including sprint planning, prototypes, design, develop and test.
* Implemented **Fragments and Activities**.
* Developed different features for the application.
* Implemented **Notification Manager** to display updates on the notification bar.
* Implementing **Broadcast Receivers** for Android.
* Implemented material design concepts like **Recycler view, Card view** and **Tool bar**.
* Utilized GPS location-based services and Google Maps API to enable Google map search for locations in close proximity.
* Making the **Restful** Service Calls using Google’s Volley Library at the various stages in the app development cycle and parsing the responses back from the web servers according to the application requirement
* Implemented Camera API to submit work related photos and videos.
* Enabled GPS/Wi-Fi to detect user location from where to begin searching.
* Refactored the code base to optimize start-up time and memory usage.
* Worked on linear, frame and relative layouts.
* Key resource for layout and UI work utilizing xml, Views, Web View, List View, Menu Item, Activities, Fragments, Frame, Animations, Notifications, Carousel, Push Notifications, Loaders, AsyncTask, handler etc.
* Created test cases and test data for testing the application using JUnit Extensions.
* Performed Unit testing on the various modules/functions to ensure that the output is as expected.
* Implemented various design patterns like singleton, builder and factory pattern.
* Used **web view** to show html pages.
* Improved crashes handling, and made the application awesomely stable.
* Involved in collecting client requirements and preparing the design documents.
* Implemented Restful service calls and parsed JSON responses.
* Took care of Code Review, Code Fixes and bug Fixes.

**Environment:** Java, Android 4.2 - 6.0, Android studio, Wire Shark, Git, JSON, XML, Ajax, JIRA and Crashlytics.

**Client: Nuvasive, India May 2014 - July 2016**

**Role: Android Developer**

**Responsibilities:**

* Involved in full life cycle of the **Android application** and redesign of **ShopRite website** including **wireframe** design, server development and client development.
* Worked on developing various features such as values product of the day, browse products from store inventory and navigate to the nearest store.
* Used **Android SDK/NDK, Eclipse IDE,** Dalvik Debug Monitor Server, Android Virtual Device, and Android Debug Bridge for development and debugging tool.
* Allow user to upload images through gallery and camera to their user account.
* Used fragments and activities.
* Worked with **Bitmaps, 9-patch** images and handled memory issues by recycling bitmaps.
* **REST** web service interaction utilizing **OAUTH** authentication and **JSON**.
* Worked on front end UI design and Backend Development using **SQLite**.
* Used GIT for project management and version control.
* Responsible for design of user interface using various custom layouts, buttons, dialog boxes, alert boxes and different form of widgets and search providers.
* Created test cases and test data for testing the application using Junit Extensions.
* Performed Unit testing on the various modules/functions to ensure that the output is as expected.
* Involved in analysis, specification, design, and implementation phases of Software Development Life Cycle (SDLC). Followed **agile** methodology to develop the project.

**Environment:** Android SDK 3.1, Java SDK 1.6, SQLite 3.0, Eclipse IDE, ADT Plug-in, JUNIT, GIT, Restful API, Google Map API,JNI, HTML, CSS, XML, Java script, Angular JS.

**Client: Vatsal Techno Soft Pvt.Ltd, India Feb 2012 – April 2014**

**Role: Java Developer/android developer Internship.**

**Responsibilities**

* Designing UI screen for Insurance Quote to get User information with **JSP**.
* Writing **custom tag** handlers for Insurance Quote page to calculate the age of the person using the date of birth information entered.
* Developing Action Classes, Service Classes for Resident Insurance Premium payment module.
* Developed reusable web components, **JSP,** Servlets and Java Beans that use the **MVC** pattern to access **EJB** (Entity Beans) for the modules of user registration.
* Writing **PL/SQL** Queries to get schedule of policy payment and defaults.
* Developing Session beans for Insurance Quotes.
* Writing JSP files for Online Quote for Resident Insurance.
* Fixing the bugs identified in test phase.
* Had coded various data adapters for processing **XML.**
* Used **Java script and JQuery to** handle client-side validations.
* Writing **JUnit Test** cases for Unit testing in Pension Manager Module.
* Documenting CR impact analysis and prepared implementation documents.

**Environment:** Java, J2EE, JSP, Web Services, XML, Oracle, JUnit, Eclipse, UML, Web Sphere, Struts, java script, JQuery, HTML.