**Krishna Kranthi Teja, krishnakranthiteja@gmail.com**

**Senior Android Developer. 603-233-9645**

 **PROFESSIONAL SUMMARY**

* Over **9+ years** of software development experience with **7 years** exclusive experience in Android Application development with **Android SDK**, **Android NDK**,**React Native**,**Kotlin**, **Eclipse IDE** along with **Android ADT plug** in developing **Native**, **WEB** and **Hybrid** applications.
* Experience in **Object Oriented Design (OOD)**, **Analysis (OOA)**, **RxJava,Modeling (OOM)** based on **UML**.
* Experience in MVC,MVVM,MVP.
* Extensive hands on experience with **Android User Interface**, **User Input**, **Multi App Screens**, **Networking**, **and Data Storage**.
* Strong knowledge of Android **SDK,** different versions of Android and how to deal with **Different Screen sizes** experience developing **Single-screen, Multi-screen** Android Applications.
* Familiarity with **Restful** **APIs** to connect **Android applications** to **Backend services**.
* Strong knowledge of Android **UI design principles**, **Patterns,** and **Best practices**.
* Good understanding in End user requirement **Analysis**, **Android OS**, **interactive application development and full Software Development Life Cycle (SDLC)**.
* Strong understanding of **Google’s Android Material Design** principles and interface guidelines.
* Experience using Views like **Linear layout**, **Relative layout**, **Grid View**, **List View**, **Recycler view**, etc.
* Strong understanding of **SDLC** and **Android Activity Lifecycle**.
* Experience in leveraging the Google and Android features like **Intents**, **Fragments**, **View Recycling (Adapter)** ,**Toast**, **Density Independent Pixels** , **Scale Independent Pixels** , **library integration**, **Material design**, **widgets**, **Receiving cloud messages**, **Google's Fused Location Provider**, **Activity Recognition**, **Geofencing API capabilities**, **Google Analytics**, etc.
* Experience working on **Android Studio** and **Eclipse IDEs** for App development.
* Experience in using **Java Native Interface (JNI)**.
* Proficient with common Android Framework API’s (Email, Web view, contact manager, Camera, Notifications, Maps).
* Experience in implementing native libraries in application by using **Android NDK**.
* Strong knowledge of **JDK**, and familiarity with **Java 8** and previous versions of Java.
* Test in **Android Studio**, **Genymotion**, **Android Emulators**, and **Real Android Mobile Phones**.
* Worked extensively in developing Mobile-based and advanced web-based applications using **Java, Servlets, JSP, JDBC, UML, HTML, XHTML, JavaScript, and JDBC**.
* Expertise in designing the backend database for data storage and retrieval using **MySQL** and **SQLite**..
* Integrated various social networking and other open source APIs like **Facebook**, **Google Maps API V2 for custom Android applications**.
* Open SSL Certification integration.
* Hands on experience with Kotlin
* Also good at Testing using debugging tools like **JUnit, adblogcat, DDMS**.
* Proficient understanding of code versioning tools, such as Git and familiar with continuous integration.
* Familiarity with front end technologies like **HTML**, **CSS**, **JavaScript** and Angular.
* Excellent working experience with variety of operating systems like **Macintosh**, **Windows**, **Ubuntu and Fedora**.
* Experience in **Test Driven Development (TDD)**, **Unit Testing, Integration Testing**.
* Experience in **Agile (SCRUM) and Waterfall methodologies**.
* Acquire **strong analytical** and **problem solving** capabilities with **Self-motivated**, dedicated and team player with excellent communication skills and curiosity to learn new technologies and can work with minimal supervision.

**TECHNICAL SKILLS:**

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| **Technologies** | Android, Kotlin, Java, XML, Spring (3.x, 4.x), Hibernate (3.x, 4.x), JDBC, JSP, Servlets, JMS, SQL, HTML, CSS, JavaScript, AJAX, JSON, AngularJS, Bootstrap, SDK, NDK, JNI, RxJava,J2EE, React Native, Web Services, JavaBeans, Java script, JSP, Phone Gap (IOS, Android), JQuery, Eclipse. |
| **Servers** | Apache Tomcat, Oracle WebLogic, IBM WebSphere |
| **Databases** | Oracle, MySQL, SQLite |
| **IDEs** | Android Studio**,** Eclipse, NetBeans |
| **Tools** | Logcat, DDMS, Gradle, Maven, JUnit, Git, Jira, Android Emulators, Adobe Photoshop, Adobe Illustrator, Adobe Premiere, Adobe Indesign ,Adobe Xd. |
| **Testing Tools** | Fiddler, WireShark, Bounce Checker, Coverity, Crashlytics. |
| **Version Control** | Git, Subversion |
| **Testing Frameworks** | Google mock, J-unit |

**Education:** Bachelor’s in Computer Science JTNU-H 2011

**PROFESSIONAL EXPERIENCE:**

**Verizon ,New Jersey Sep 2019–Till date**

**Mobile Application Developer**

**Roles & Responsibilities:**

* Requirement gathering, analysis and estimation.
* Development, bug fixes and enhancement work. Design, Coding, Testing and Reviews.
* Documentation, Reporting and knowledge Transfer.
* Support for system testing and user acceptance testing (UAT).
* Provide SME support to business partners, troubleshoot, and provide operational support.
* Business and Systems Analysis and Documentation.
* Migrated some modules to KOTLIN from Java.
* Meetings with business users and client IT personnel to understand and fully document current
* state business processes and existing IT systems capabilities
* Fit gap analysis to create detailed future state design of the system, architectural blueprint and
* documentation (10% of the work).
* Assist PM with creation of detailed project plan.
* Design, develop and update software */* firmware to implement new features, correct errors and
* improve functionality, Programming */* Scripting and documentation
* Used a Test-Driven Development (TDD) environment in an Agile development methodology to
* provide end to-end development.
* Extensively working using NodeJS, diaglogFlow,React Native, Java and so on, Close Project Assurance Used Developed **mapping** in between android framework and another OS platform.
* Development using Struts, Spring, hibernate frameworks and implemented Web browser testing (WebTop testing using Opera, IE, and Firefox) and Multimedia Testing (2D and 3D Graphics, Audio, Video).
* **Install firmware’s** and APKs on mobile devices ranging from smart phones and tablets.
* Maintained proficiency in the quality of Pre-Installed Applications/APK's embedded in firmware’s.
* **Perform a quality check** of all APKs and firmware’s to **ensure accuracy** of quality and prepare them for customer installation.
* Developed highly efficient algorithms in C++ through both pair-programming and independent wor
* **Worked on Integration of Open SSL Certification.**
* Develop recommendations within established guidelines; work and decisions are reviewed by technical leads before implementation
* Working independently or in small teams to develop new hardware products or make design changes to existing products
* Development of an automated testing framework for use by external developers
* Implemented two-way data binding through scope in applications built on AngularJS and one-way binding when necessary.
* Created **e2e test** suites for all components and run them on protractor.
* Embedded
* Push APK's through MOBIL using local storage and Cordova plugins.
* Used JIRA to keep track of outstanding bugs, participated in daily standups, sprint reviews, Kickoffs.
* Created social login using Gigya API's. Integrated user social accounts with the express account.
* Development of custom Cordova (phone gap) plugins for android.
* Used Ionic and Cordova framework for building the hybrid mobile app
* Worked in iOS sprints and helped the iOS teams on cross platform features.
* Worked with UX teams and product teams.

**Environment:** Java,Kotlin,RxJava,Agile Methodology, Maven, SQLite, Reset API for consuming Web-Service data (REST API Calls), Spring, SVN, Jira

**PROFESSIONAL EXPERIENCE:**

**Synchronoss Technologies, Dallas, TX Aug’2016–Aug 2019**

**Mobile Application Developer**

**Description**: The Mobile Content Transfer (MCT) is an **Android native mobile application**, which helps in **transferring** **content**, such as Contacts, Images, Audio, Video and Documents from one Android mobile phone to another, this application enabled **data transfer between mobile devices running different Operating Systems**, such as iOS, Windows phone, Blackberry OS.

**APP Links:**https://play.google.com/store/apps/details?id=com.att.mobiletransfer&hl=en

**Roles & Responsibilities:**

* Involved in **customizing** the product as per client requirement.
* Worked on **application designing, testing, deployment and maintenance** both on iOS and Android.
* Designed the **User Interface (UI)** using client requirements and use–cases.
* Implementing of **business logic** **and communication framework**.
* Implemented the **localization feature** for the application.
* Used Dialog boxes, **Menus** and **views** like List View and Scroll View as per client need.
* Used **Xamarin Studio** to enable cross platform development.
* Used Node.js to install Phone Gap and used HTML5, CSS,React jx,Kotlin Native, Java script to develop hybrid apps.
* Used **PhoneGap** APIs like Notification, Camera, Media, Vibration to develop **hybrid apps**.
* Used PhoneGap Device Object to access information about a device and application running a phone gap application.
* **Report test progress** to team lead and managers on a day-to-day / weekly basis.
* **Prepare Test documents** such as Defect summary report, weekly status report.
* Used a Test-Driven Development (**TDD**) environment in an **Agile** **development** **methodology** to provide end to-end development
* Developed Settings Widgets and applications to show the users, different features of LTE, 3G Video and Voice Calling.
* Developed **mapping** in between android framework and another OS platform.
* **Install firmware’s** and APKs on mobile devices ranging from smart phones and tablets.
* Maintained proficiency in the quality of Pre-Installed Applications/APK's embedded in firmware’s.
* **Perform a quality check** of all APKs and firmware’s to **ensure accuracy** of quality and prepare them for customer installation.
* Used factory, services, and providers for keeping data in the application.
* Created custom directives and made restrictions for the directives created.
* Implemented two-way data binding through scope in applications built on AngularJS and one-way binding when necessary.
* Created **e2e test** suites for all components and run them on protractor.
* Involved in **unit testing** with Android Studio debugger and USB **debugging**.
* Tested the app on different versions of the Android OS, and on devices with different screen resolution.
* Worked on Android M support including implementing the M-permissions.
* Push APK's through MOBI using local storage and Cordova plugins.
* Used JIRA to keep track of outstanding bugs, participated in daily standups, sprint reviews, Kickoffs.
* Created social login using Gigya API's. Integrated user social accounts with the express account.
* Development of custom Cordova (phone gap) plugins for android.
* Used Ionic and Cordova framework for building the hybrid mobile app
* Worked in iOS sprints and helped the iOS teams on cross platform features.
* Worked with UX teams and product teams.

**Environment:** Android 4.0,4.x,5.x,6.x with Android Studio,RxJava Agile Methodology, Maven, SQLite, Reset API for consuming Web-Service data (REST API Calls), Spring, Phone gap, SVN, Jira

**PayPal Inc., San Jose, CA Mar 2015 – Jul 2016**

 **Android Developer**

**Description:** PayPal is an American company operating a worldwide online payments system that supports online money transfers and serves as an electronic alternative to traditional paper methods like checks and money orders. PayPal android app made all these features available to the user mobile phone.

**APP Link:** <https://play.google.com/store/apps/details?id=com.paypal.android.p2pmobile>

**Roles & Responsibilities:**

* Participated in complete **Software Development Life Cycle** (SDLC) for proper **analysis**, **development**, **testing**, **deployment** and **enhancement** of the code.
* Played a key role in writing application logic using **EclipseIDE, Android Studio** and **Android SDK**.
* Implemented the required GUI by making modifications to the **XML** files.
* Designed complex User Interface screens using **views** and **widgets**.
* Designing and implementing **REST** API using **spring** in **Java**.
* Used **fragments** to build small re-usable pieces that are easier to manage and allow for a more **fluid visual design** and can adapt to tablet and phone resolutions.
* Developed some parts of app by writing **native methods** using **JNI**.
* Responsible for consuming the REST services, getting **JSON** response and **parsing** them using to get the required information.
* **Integration of Open SSL Certification for payment gateway.**
* Used **AsyncTask** for **multithreading**. Worked on **toast**, **Dialog notifications**.
* Implemented **SQLite** databases to monitor the data of a member.
* Used shared preferences to store and retrieve persistent key value pairs across user sessions.
* Used **GIT** for version control.
* Used **Linux drivers** and Hal services for developing audio and display drivers
* Followed **Agile** with **JIRA** for implementing this project.
* Worked on debugging the application using **Logcat**.
* Tested the app across different versions of Android and different android phones to assure quality and performance.

**Environment:** Android SDK, SQLite 3.6, MySQL DB, Eclipse IDE, Android API’s, ADT plug-in, JDK 1.6, JNI,XML, JSON,

REST services, HTML, CSS, Logcat, DOM parser, Android Studio.

**MACYS - Natick, MA Dec 2013 - Feb 2015**

**Android Developer**

**Description**: Macy's is a department store owned by a Macy's, Inc. Macy's Herald Square is one of the largest department stores in the world, Macy's was the largest U.S. department store company by retail sales. Facilitating online consumer-to-consumer and business-to-consumer sales. **Sell & Save Money** is a **high end** android application makes online auctions and purchases easier with updated features.

**APP Link:** <https://play.google.com/store/apps/details?id=com.macys.android&hl=en>

**Roles & Responsibilities:**

* Implemented/developed new screen **GUI widgets, layouts, custom lists, custom layouts, custom adapters.**
* Integrated Maps in the Mobile along with **GPS location** based implementation
* Implemented Network layer to manage network requests and **Web Services** parsers to **handle server** responses.
* Worked in layouts and UX design and layout using both XML, and custom android views.
* Implemented location based API using Location Manager to locate the clinic in the neighborhood.
* Implemented WebViews to provide easy access to shop online feature.
* Enabled Landscape mode and **alert notifications**.
* Created mechanism to show **map Pins and traffic layer** on the map based on data gathered in response to the **web requests**.
* Integrated location based services using **Google Maps API** to display locations of the nearest stores.
* Implemented **middleware** development.
* **XHTML/HTML5, CSS3, JavaScript, AJAX, and JSON/XML** as well as JavaScript frameworks such as **jQuery, AngularJS, NodeJS, and GruntJS**
* Installing and configuring Apache and supporting them on **Linux** production servers.
* Troubleshooting **Linux** network, security related issues, capturing packets using tools such as IP tables, firewall, TCP wrappers, NMAP.
* Generated **http plug-in config** and updated web server plug-in after deploying applications in a clustered environment.
* Worked with Apache **HTTP Server**.
* Developed and managed **15+ Activities/Screens** in the Android.
* Integrated **SYNC** in Ford Destinations Apps along with remote start feature using **Bluetooth** to enable **voice** based interaction.
* Involved in code reviews with **peers**.
* Worked on debugging the application using **Logcat, DDMS**
* Implement database SQLite database structure to handle the content, monitor shipments and contact list.
* Integrated the Payment Gateway in the app for processing Credit Card Payments for mail orders.
* Performed Unit testing on the various modules/functions to ensure that the output is as expected.
* Participated in Agile/Scrum Methodology, with releases every 2 weeks.

**Environment:** SDK 3.2, JSON, Eclipse IDE, Java SDK 1.6, XML, DDMS, Logcat.

**Motorola Mobility, Sunnyvale, California Dec 2012 – Nov 2013**

**Android Developer**

**Description:** Motorola Help contains basic how-to, tips, support information, tutorials about your device. There is also an option to call Motorola support directly or to start a chat session.

**APP Link**: https://play.google.com/store/apps/details?id=com.motorola.genie&hl=en

**Roles and responsibilities:**

* Participated in complete Software Development Life Cycle (SDLC) for proper analysis, development, testing, deployment and enhancement of the code.
* Discussed the requirements with the client and analyzed the requirements.
* Design screens using **MVC,MVVM,MVP** pattern for the application with Android Studio IDE.
* Used Content Provider to get the data from the Contact on the device.
* Worked on **linear, frame** and **relative** layouts.
* Worked on Android Integration framework tools like Espresso and Gradle.
* Worked on push notifications using GCM, Broadcast Receiver.
* Embedded Google Maps API, GPS Location Data into app with zooming controls.
* **Used ORACLE database server as a key to solve the problems of information management and also for access the database.**
* Implemented **RESTFUL API** calls to communicate with server.
* Implemented **Fragments, Activities**.
* Added support for downloading and opening photos, PDF.
* Used **AsyncTask** for multithreading.
* Worked on toast, Dialog notifications.
* Followed **Agile** and **Scrum** methodologies in the project implementation.
* Implemented **Notification Manager** to display updates on the notification bar.
* Implementing **Broadcast Receivers** for Android.
* Added Facebook SDK to post the hangout event using Oauth 2.0 Protocol.
* Used shared preferences to store data.
* Designed the **SQLite** database to store the articles information offline.
* Test and error logging on different versions and devices of Android.
* Used **adb Logcat, DDMS** for Debugging.
* Used Apache **Subversion (SVN)** for version control**.**

**Environment:** SDLC, MVC,MVVM,MVP Content Provider, linear and relative layouts, Fragments, Activities, Async Task, Agile, SQLite, Scrum, adb Logcat, SVN, DDMS, Toast and dialog notifications, shared preferences.

**Peronesi Consulting Ltd., Hyderabad, India Jun 2010 – Nov 2012 Android Developer**

**Description:**Peronesi consulting a UK headquartered company specifically to provide innovative, cost effective SAP consulting and support services in supply chain execution domain for global clients in the logistics industry. I worked as an Android Developer on couple of application which is integrated to SAP system. ePOD is an application which used by company’s delivery truck drivers as an electronic proof of delivery and PDA is used by sales personnel to make orders from the client location.

**Roles & Responsibilities:**

* Involved in SDLC, which includes requirement gathering, design, development, testing
* Developed user-friendly UI using widgets like **Menus, Dialogs** and Selection Widgets like **Listview** and **Scroll View** as per client need.
* Responsible for consuming the web services of a **RESTful API**, getting **JSON** response and parsing to UI.
* Implement database **SQLite database** structure to handle the content, monitor shipments and contact list.
* Used **MVC** architecture for designing applications
* Worked on integrating application with **SAP Business One**.
* **Integrated Email** in the Application for mailing the confirmed order/paperless receipt to the customer.
* Implemented **SQLite database** to store user's order history, list of orders to create.
* Used **Google Maps API** to enable Google map search for branch locations; enabled **GPS/Wi-Fi** to detect user location from which to begin searching.
* Used Android **Native Development Kit (NDK)** in developing the app.
* Created interactive prototypes and specifications, including color palettes, screen layouts and user-interface elements.
* Developed front end web applications by writing HTML code with the help of Search Engine Optimization (SEO) techniques.
* Created design deliverables, such as specifications, templates, storyboards, wireframes, and mock-ups.
* Used effectively All Android Application components.
* Used Android content providers with choosers for implementing features like sending E-mails, SMS, etc., from the app.
* Implemented **Services** and **Broadcast Receivers**.
* Used Microsoft SQL Server, Microsoft IIS Web server, Cristal Repots, C#.Net
* Involved in unit testing with eclipse debugger and USB debugging.

**Environment:**Android SDK, Eclipse, JAVA, J2EE, SQLite, XML, JSON, MS SQL Server, IIS web server, SAP Business One,  Cristal Reports, C#.NET**.**