**Hanumohan Reddy**reddy.hanumohan0789@gmail.com
**(510) 431-2675**

**Professional Summary:**

* Highly passionate, dedicated and creative software developer with around 6+ Years of IT experience in Application Development using Android and Core Java.
* Proficient with common Android framework APIs.
* Proficient in working on Android UI components such as List View, Recycler View, Card View, Grid View, Search View, Text View, Image View, Buttons, Spinners, Menus, Edit boxes, Checkboxes, Dialogs, Alert boxes, Status Notifications and Action bars for various Applications.
* Expertise in creating and developing applications for android operating system using SQLite, Java, XML, Android SDK and ADT plugin.
* Working Experience with Activities, Fragments, Adapters, Intents, Services and Async tasks while developing Android applications.
* Experience in developing android applications using Content Providers, SQLite, Storage and retrieval of structured data.
* Proficient in development, debugging, and testing of Mobile Applications.
* Experienced with web services RESTful and SOAP.
* Experienced in parsing the web response data in JSON format using JSON, GSON and Volley.
* Experience in developing application using Intent services, Broadcasts and Broadcast Receivers in Android Environment.
* Experience in working with the version control (SVN, GIT).
* Experience in developing applications using Third-Party APIs such as Google.
* Knowledge of Google Play Service and Google Cloud Messaging technology.
* Good experience in Object Oriented Design (OOD), analysis (OOA), modeling (OOM) based on Unified Modeling Language (UML).
* Good mobile and web design skills using Activities (android), HTML 5, Java Script, AJAX and XML.
* Knowledge of Kotlin, Junit Testing and Mockito.
* Worked on UI and Acceptance testing on mobile devices. (Java, JavaScript, Objective C, Swift based)
* Integrated Google play services and 3rd party APIs (Localytics, AWS) within Android applications
* Used Swift as a programming language to develop the application.
* Migrated complete application using Kotlin Programming language.
* Experience in working with Software methodologies such as agile methodology (SCRUM). Handled roles and responsibilities within agile team.
* Self-motivated and excellent abilities to learn new languages and other concepts quickly, excellent interpersonal skills and abilities to communicate with team players.

**TECHNICAL SKILLS**

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| --- | --- |
| **Technologies** | Java JDK, Kotlin, J2EE, C/C++, JSP, Servlets, Android SDK, Hibernate, JavaScript, Spring, JDBC, CSS3, Maven, Jenkins. |
| **Android App****Mobile Development** | Android SDK, Recycler View, List view, SQLite, JNI, Notification Manager, Contacts, Content Provider, Kotlin, DDMS, Location, Map, Android NDK, BLE, HTTP Client, GSON, JSON based Web Services, Camera API, Facebook API, Firebase. |
| **Debugging and Testing Tools** | DDMS, Logcat.JUnit, Mockito and Espresso. |
| **Markup Languages** | HTML/HTML5, CSS3, XHTML and XML, JSON. |
| **IDE’S** | Eclipse, Android Eclipse IDE(ADT), Android Studio, IntelliJ IDE, Net Beans. |
| **Web Services& Parsing Techniques** | SOAP, REST, JSON, GSON, DOM, SAX, Volley API, and Retrofit API. |
| **Version Controls** | Subversion, Git, CVS. |
| **RDBMS** | SQLite, Oracle, MySQL, PLSQL. |
| **Issue Tracking tools** | JIRA. |
| **OS** | Linux/Unix, Windows, Android |

## **EDUCATION**

• Master of Science in Information Technology Management from Campbellsville University, KY.

• Bachelor’s in Electrical & Electronic Engineering from KL university, Andhra, India.

## **PROFESSIONAL EXPERIENCE**

**Client: Republic Service, Phoenix, AZ** **June 2020 – Current**

**Role: Sr. Android Developer**

**Google play Link - https://play.google.com/store/apps/details?id=com.republicservices.myresource&hl=en&gl=US**

**Responsibilities:**

* Involved in the full life cycle of the project including planning, designing, development, testing and deployment.
* Created new features programmatically using Kotlin and Eliminated null point exceptions using Kotlin.
* Utilized web development languages HTML, CSS, and JavaScript for web app development, including React Js and Redux.js
* Handled Performance Tuning and Optimization, with strong analytical and troubleshooting skills for quick issue resolution in large-scale production
* Implemented the Kotlin with Android studio for smooth functioning of the location-based services GPS
* Implemented React JS Controllers to maintain each view data where the client implemented the UI using ReactJS
* Used Swift to write business logic and Implemented the MVP design pattern used to design UI.
* Used Android Studio as main IDE working in Java and Kotlin.
* Migrated multiple components to Kotlin making use of the new extension functions, delegate properties
* Have created the unit test cases using Mockito JUNIT framework.
* Used Android SDK, Flutter DDK, Android Studio, Core JAVA, Native Android Development and Kotlin to develop Android apps.
* Implemented **RESTFUL API** calls to communicate with server.
* Design screens using **MVC** pattern for the application with Android Studio IDE.
* Assisting the team with the transition onto Swift 3.0 through XCode 7.0
* Migrated multiple components to Kotlin making use of the new extension functions, delegate properties and avoid Null Pointer Exceptions.
* Used GIT, Bitbucket for code management.
* Used MVVM, Perforce, Retrofit, Fresco, Glide, and popular third party libraries.
* Responsible for testing the application in stage, code review fixing the bugs and providing post-production support.
* Played a key role in writing application logic using Eclipse IDE and Android SDK.
* Implemented MVC design pattern using Struts for building the application Framework.
* Worked on React Native framework for implementing all the UI Components.
* Used React Native to develop apps supporting both Android and iOS devices
* Built apps with parts of the application written in React Native and part of it written in Native code.

**Environment:** Kotlin, Android Studio, MVC, AndroidStudio, Android API's, Kotlin, Retrofit, Dagger2, JWT, DDMS, logcat, Java 1.8, MS SQL Server, Apache Tomcat 8.0, Gradle, Postman 2.0, GitHub, Rally.

**Client: FedEx, Pittsburgh, PA** **Nov 2019 – May 2020**

**Role: Application/Android Developer**

**Google play Link - https://play.google.com/store/apps/details?id=com.fedex.ida.android**

**Description:**

Involved in building hybrid android application solution that **helps to make decisions to improve business performance**.

Highlights of the project includes:

* Develop a mobile-based corporate performance evaluation application
* The manager needs to monitor and measure the performance of the employee and make informed decisions on-time
* Schedule evaluations and notification of the end date
* Real-time feedback for peers, subordinates, supervisors and themselves

**Responsibilities:**

* Developed android application that optimize, measure, track, and support improved business performance
* Followed Agile/Scrum software development methodology in building and enhancing this application
* Utilized web development languages HTML, CSS, and JavaScript for web app development, including React Js and Redux.js
* Turn Creative Teams designs into prototypes using HTML5, CSS3, JavaScript and jQuery.
* Developed Web API using NodeJS, ReactJS and React Native and hosted on multiple lead balances API instances.
* Participated in meetings with the end-clients to develop layout, colour scheme for the web page and implemented them with the help of HTML5, CSS3 and JavaScript.
* Designed complex User Interface screens using Web views based on Java script and HTML5 .
* Designed and developed mobile application for Android mobile devices with extensive user interface development
* Worked with various business, design teams to gather requirements and determine the initial design of the application
* Developed user-friendly user-interfaces using widgets like **Menus, Dialogs, Different Layouts, Buttons, Edit boxes and Selection widgets** like List View and Scroll View as per client need
* Implemented unique design for portrait and landscape mode
* 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
* Responsible for consuming the **REST** services, getting **JSON** response and parsing them to get the required information
* Verified HTTP responses using **Postman** Client
* Utilized **Retrofit** library with OkHttp for network calls
* Used **Dagger2** as a dependency injector to create some reusable, interchangeable modules and maintainability of code and alterations
* Implemented OAuth along with JWT tokens using **Firebase** for secure authentication and communication
* Used **Logcat,** **DDMS** and Android Developer Tools for development and performance debugging.
* Migrating technology **Cordova** 6.5v to 9.0.0 for all components.
* Unit tests cases code coverage to reach 85% in **Jenkins** repository and remove venerability code.
* Involved in System Testing using JUnit testing framework.
* Performed testing to identify early application flaws and participate in design and code reviews
* Testing of the application in **Android Emulator** and few Android based mobile phones
* Used version control software **GitHub** for effective code maintenance, tracking and logging
* Used Atlassian tool **Jira** to manage and keep track on the progress of the project

**Environment:** Android Studio, Android API's, Kotlin, Retrofit, Dagger2, JWT, DDMS, logcat, Java 1.8, MS SQL Server, Apache Tomcat 8.0, Gradle, Postman 2.0, GitHub, Jira.

**Client: Santander Bank, Dallas, TX. Oct 2018 to Oct 2019**

**Android Developer**

**Google play Link:** [**https://play.google.com/store/apps/details?id=com.sovereign.santander&hl=en**](https://play.google.com/store/apps/details?id=com.sovereign.santander&hl=en)

 **Description: Santander Bank** are full service commercial bank which offers a variety of financial services to corporate, commercial, correspondent and individual bank clients. The project dealt in building the data warehouse which is a common pool of Contracts, Positions and Customer Account balances, for the use of Finance, Risk and Compliance and any other unit requiring such data.

**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.
* Developed the app to adapt to different orientations and various resolutions (LDPI/MDPI/HDPI) based on the device.
* Used Android content providers for implementing features like integrating the customer details into the app and designed suitable GUI for these applications.
* Used Android content providers for implementing features like sending E-mails, SMS, etc., from the app and designed suitable GUI for these applications.
* Regularly followed up with Development Team to discuss discrepancies identified during testing and performance tuning.
* Implemented apps with Google new SDK implementation, new features in Android SDK.
* Worked with Android API’s for a few tasks including simple activity transitions and Recycler Views.
* Worked with Activities, Fragments, Android Binding, Android Framework, broadcast Receiver and Adapters.
* Utilized Kotlin for higher order functions and delegate design pattern.
* Worked with the Android SDK.
* Implemented the Kotlin with Android studio for smooth functioning of the location-based services GPS on Android
* Used logcat, DDMS (Dalvik Debug Monitor Server) and trace view for debugging and detecting memory leaks.
* Implemented unique design for portrait and landscape mode.
* Handling XML data using efficient parsing techniques such as DOM parser.
* Responsible for consuming the REST services, getting JSON response and parsing them
* 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.
* Worked on Android lock pattern, sure-swipe, Touch-ID for user authentication for user preference and core java programming.
* Used JSON to fetch data from the server using RESTful web services.
* Modify existing databases, applications, and interface API’s for efficiency and speed.
* Working on Agile methodology, with active participation in daily stand ups and providing the progress of the respective sprint
* Implemented list views for displaying new releases.
* Provided subsequent releases which included feature changes, enhancements and bug fixes.

Environment: Android, Android SDK, Android Studio, Eclipse, Java, JSON, AJAX, HTML, JavaScript, Flash, REST, GitHub, agile, SQLite and Windows.

**Client: GEICO, Chevy Chase, MD**  **Apr 2017 to Oct 2018**
**Android Developer**

**Google play Link:** [**https://play.google.com/store/apps/developer?id=GEICO+Federal+Credit+Union**](https://play.google.com/store/apps/developer?id=GEICO+Federal+Credit+Union)

Description: This application has multiple features like an accident guide, taxi/rental car finder, roadside service, and the ability to locate an agent within the user's location, which is open to the public. The policyholders get the additional benefits as they are able to store a full-screen digital insurance ID cards with email and fax capabilities, pay their bills, view discounts and coverage, get new quotes when adding or removing a vehicles, view claims and reschedule claim appointments, view driver and vehicle information, update their contact information, and customize the app with one of their favourite GEICO characters.

**Roles and 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.
* Learnt new OOP language called Kotlin on the fly and successfully migrated parts of the project to Kotlin.
* 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 GIT for version control and Gradle as a build tool.
* Implemented MVP design pattern in designing and development of this project.
* 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. Developed Rich UI using Recycler View, Scroll View, Navigation Drawer, and View Pager.
* Responsible in implementing RESTful web services.
* Used Android Studio for writing the application Logic.
* 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).

**Client: Apigy Inc., Mountain View, CA Sep 2016 to Mar 2017**

**Android Developer**

**Googleplay Link: https://play.google.com/store/apps/details?id=com.lockitron.android&hl=en\_US**

**Description:** Apigy US based company which offers its application for wholesale, commercial, and multi-family applications. Worked on Lockitron, its smart Locks/Devices added to a site are managed from two different places (tabs/screens) in the App when the App is in range and out of range. For ex. For configuring a setting for a Lock, it can be modified from the Manage screen however the change made only reflects the Cloud and it not written to the Lock. Optimized and improved the user interface of the application for its ease of access. In order to achieve, the app was Refactored with a new flow and Design with new set of UX screens.

**Responsibilities:**

* Design and create a new flow and screens for managing the Lock Configurations
* Create More screen by listing Options like Users, Audits, Schedules, Firmware update, Settings etc., for managing the Locks/devices
* Implement Sync for updating the Doorfile settings to the Locks
* Implement new screens for Locks Schedules and Holiday events
* Implement Users access info for the Locks
* Design and implement Update Firmware for updating the Firmware for the Locks
* Implement recording of the Locks diagnostics
* Re-Designed and implemented a generic mechanism for Reading the Lock/Device settings for all Device types. Advantage of which is easier maintenance and easy extensible for adding any new device/lock
* Design and Implement modules based on MVC Design Pattern
* Worked on improving the Performance of loading the Devices from the Cloud. Used pagination for listing devices for better user experience
* Use Android Material Design guidelines for designing the screens
* Added Floating Action Button (FAB) across the App
* Worked on Card View and Recycler View Adapters
* Worked on Android View Pagers and Snack bars
* Refactored Code for the WIFI-module, Device Commissioning, Connecting, usage of calls and database.
* Worked on using Butter knife Library for tagging the resource id with their names
* Incorporated the Application Insights for tracking run-times exceptions
* Followed Agile Methodology in analyze, define and documented the application which will support functional requirements.
* Develop Screens to support the App on devices with multiple form Factors
* Handled the Transition of Screen for various functionalities across the App like customizing new locks, permission settings, time scheduling and notification settings.
* Writing Unit Tests for the features that are being developed, reviewing code and bug fixing.

 **Environment:** Android Studio, Android SDK, Android API’s, Material Design, XML, JSON, ADB, Log Cat, Mac OS.

 **Client: PEPSI CO. Chennai, Tamil Nadu June 2013 – July 2015
Java Developer**

**Responsibilities:**

* Involved in developing API's using SOAP, Restful web services using Spring framework.
* Build and maintain account transactions and customer banks cards API's.
* Implemented multi-threading using synchronized block and synchronized method, handled exceptions using exception Handling, Interfaces and Implemented Collection framework using Hash maps and Array List.
* Worked with Design patterns like Service Factory, Singleton and Factory Pattern.
* Used Hibernate in Data access layer to access and update information in the database.
* Wrote HQL, criteria queries to perform all the required CRUD operations against the Oracle DB.
* Coded SQL Statements and Stored procedures for back end using Oracle.
* Handled client's business requirement changes and enhancement requests.
* Responsible for debugging the functionality and fixing the bugs of the application.
* Used log4j logger for logging purpose.
* Involved in writing Junit test cases.
* Used Sonar tool for the reviewing the code.
* Total project was built with Maven. Involved in writing the POM.xml and build properties.
* Used Team City for continuous integration builds and deployments.
* Used SVN for source code versioning and code repository.
* Search and implementation of possible areas of improvement to deliver a better production app.
* Setup proper interactions of the front-end design and implementation with backend servers.
* Setup proper interactions of the front-end design and implementation with backend servers.
* Developed graphic interface and UI for some activities.
* Used native and third-party technologies to optimize the App functionality including Eclipse, NetBeans, Java, Custom Views, Web Services, JSON, Flurry, Universal Image, Loader, SQLite, Fragments, Java Jersey Web Services, Tomcat, Hibernate, Hudson, SVN.
* Developed and implemented a wide range of low-level embedded software (including device driver and Linux kernel modules)
* Used JIRA for project planning and bug tracking.