

ANDROID DEVELOPER

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Professional Summary

Innovative Android Developer with Around four years of experience in designing, developing, testing, and maintaining applications in core industry. Proficient in Java, Kotlin, SQLite, XML for building apps compatible with multiple devices. Experienced to work with different design pattern like MVC, MVP and MVVM. Vast Experience in building UI/UX user-friendly applications. Devised, implemented, and designed adaptive UI components and Widget applications for different screen resolutions. Experienced in parsing JSON data and worked on SOAP and REST web services. Ensuring the quality of product with Android Unit Testing & tools viz. Espresso and Appium.

Areas of Expertise

- **Languages:** JAVA, C++ (Basic), Kotlin
- **Mobile technology:** Android, SQLite, My SQL, push Notification, Espresso, Android NDK
- **Libraries:** Retrofit, RxJava, Android Jetpack, Dagger 2.0, Media Player, Exoplayer
- **Web Services:** API Rest Service (JSON), SOAP
- **Working Environment:** Android Studio, Cmake, Visual Studio, Command prompt, Postman, eclipse
- **Testing Tools:** Appium, Espresso, Junit, Postman
- **Miscellaneous:** Gradle, Maven, Jenkins, PTC Integrity, Source Tree, CICD
- **Software Engineering Methodologies:** Agile and Waterfall Methodologies, SDLC, Software Quality Assurance
- **Other Tools:** Git/GitHub, SourceTree, SVN, IBM Rational ClearCase, ClearQuest, Coco review, Joomla

Professional Experience

Virtusa **Apr 2020 – Present**

Position: Sr. Android Developer

Android Application: <https://play.google.com/store/apps/details?id=com.mtb.mbanking.sc.retail.prod>

Responsibilities:

- Working on banking application which provide digital banking to retailer and bank customer,
- Implementing functionalities like money transfer and provide account misuse warning/alerts to users
- Working on backlog and new user story for digital banking
- Using standard Android components like activities, services, layout as well as creating custom views for application
- Working with GitHub, SourceTree and ADO (Microsoft Azure) to manage sprint plans and source code

Enterprise Mobility Inc (Client: Cummins Inc.)

Nov 2016 – Apr 2020

Position: Android Developer

Android Application: <https://play.google.com/store/apps/details?id=com.cummins.guidanz>

Responsibilities:

- Analysis, coding, integration and unit testing of software which involves new feature, as well as current feature support
- Development and ownership of IDM component and locking features which secure the Cummins premium subscribers' identity and data,
- Working with Java, and Kotlin for building user experience/ interface on android mobile OS as per specs provided by Cummins Service Engineering & stakeholders,
- Using Retrofit to increase performance and security for REST API, HTTP networking calls,
- Working with dependency injection Dagger 2 and Handling multi-threading and reactive programming using Rxjava,
- Hands on experience in Salesforce and AWS APIs to handle Guidanz Network calls for Faults, appointments, user authentication (Token response) and subscription package handle,
- Involvement in root cause analysis for fixing the issues. Automating the script of mobile application using Espresso,
- Responsible for build machine administrative tasks such as writing necessary scripts using Jenkin, maintaining and managing controlled builds, UAT by stakeholders Deployment of the application in the Google play store & iTunes, and supporting the app for different releases in Android and iOS OS.

Education

California State University, Fullerton, USA

Aug 2014 - May 2016

Master of Science in Computer Science

Gujarat Technological University, Gujarat, India

May 2009 - June 2013

Bachelor of Engineering in Information Technology

Academic Projects

Food order Application, CSUF

Dec 2015 - Apr 2016

Developed food ordering Android Mobile Application, which allows user to order food from any restaurant. Also, designed tracking system for drivers to get real - time location. Implemented payment gateway option using PayPal. Used Grid View to display the list of available restaurants by searching specific region of city or zip code.

E-commerce application, CSUF

June 2015 - Sep 2015

Developed online E-commerce web application to sell electronic products, books, kitchen Appliances, etc. Functionality like providing Coupons to the subscribed users through e-mail and offered different payment options using multiple debit and credit card in single purchase. It supports cash on delivery in some regions.

Activities & Awards

- **Expense Tracker**, Google play store app
Android Application: <https://play.google.com/store/apps/details?id=nmpatel.expensetracker.com>
Created an app that can help people with their monthly savings, reminders to pay bills on time, Income and spending tracking, get statements that can be sharable as excel sheets to email. Added Pie Charts to display expenses as graphical notation.
- Completed Google Certification for Android Development. ([Google Certificate](#))
- Received award of recognition from **Cummins Inc.** ([Cummins Awards](#))