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Profile Summary

- 6 years of experience in **android app development** and 2 years of experience in **Project & Team management**.
- **Development** and **troubleshooting** more than **10+ applications**
- Learning **Flutter** & keenly open for Flutter mobile application developer profile
- Strong knowledge in **Core java** and creating **Android SDKs**

Technical skill Highlights

Proficient in Firebase products (Push Notifications, Performance Monitoring, Crashlytics, Firebase Test labs, Dynamic links, In-App update, Firestore), Constraint layouts, Butterknife, Material design UI components, Google Location API, Geofence, Google Maps, Retrofit, JSON, SQLite & Room database, Android SDK, Jitpack, QR code scanning using zxing, Background & foreground services, Glide, MVVM, MPAndroidChart, Product flavor, Jitpack, Code versioning tools - Git & TFS, Testing & debugging - Burp Suite & Postman tools, etc.

Organizational Experience

* Since Oct'19 with Loylty Rewardz pvt ltd, as Software developer
* Aug'16 - Sep'19 with x-Biz Techventures pvt ltd, as Tech lead cum Android developer

Key Result Area:

- Executing core profile as Native Android Developer. Succeeding, achieved diverse experience in client interactions, developed project & team management skills.
- Rewarded as a responsible & well-organized team player by the director of the company
- Managed successful deliveries in Mobile applications individually & within team work
- Train and mentor developers across functional areas within the group on Android development & to make them understand existing project
- Well-versed in working with business/analysts to convert mobile requirements into technical design

Education

- B.E.I.T. - K. J. Somaiya Institute of Engineering and Information Technology, 2016
- H.S.C - Mithibai college of Arts and Science, 2012
- Developed innovative project 'Data transfer through Human body' in BE final year & presented in IEEE conference http://ieeexplore.ieee.org/document/7562747/

Projects Undertaken

Rewardz App — SBI - https://play.google.com/store/apps/details?id=com.freedomrewardz

● This app created based on loyalty points provided by banks to their customers

● I have designed and developed Recharge module, Shopping, Flight booking , Hotel booking

● Experienced in translate design wireframes protocols to build user interface

● Received appreciation on UX/UI design of above mentioned modules.

● Used **Shimmer layout** view instead of progressbar while loading data from APIs

● Used **Retrofit, Json, Gson for REST API calls,Serialization data processing** & rendering for integrating mobile applications with backend components/microservices

● Used **Butterknife** library for **view binding** in activities & fragment

● Integrated **In-app update, Crashlytics & Performance monitoring** feature.

● Created different variants using **product flavor** to develop different look and feel but similar functionalities for multiple banks apps for example we created it for Union bank

● Always took initiative to research and learn emerging technologies that may improve the quality, success, and performance of deliverables.

● Active involvement in resolving the issues encountered in all environments, including production.

Union - https://play.google.com/store/apps/details?id=com.unionrewardz

BOB(SDK) - https://play.google.com/store/apps/details?id=com.bankofbaroda.mconnect

Digi Suite App (Android SDK) — Image to Text conversion App

● OCR based solutions which provided a quantum leap in operational efficiency in banking domain

● Implemented multiple use-cases for Financial Services, Telecom, Education sectors etc.

● This app is based on **google vision API** & **Tesseract open source** OCR library

● Implemented **Aadhaar masking solution** for tops banks and insurance companies

● Applied logics and algorithms for various customized & standard document identification and Pre-Populate fields to minimize data entry for operational team

● Worked with **Restful APIs** to connect with back-end, **creating and parsing JSON objects and arrays**, creating **.aar files**

● Created & maintained integration document on how to consume and integrate .aar files in third party apps

● Integrated **Edge detection** for KYC documents using third party **open source SDK card.io**

● Integrated **Cropper third party library** for cropping feature

● Integrated **ZXing** library for **QR scanning of aadhaar** and pan card and parsed XML data into JSON data

● Well versed in delivering the best experience for our clients and coordinated with client side developers for end-to-end integration of OCR SDK in their app.

LMS —Leave Management App

- I have developed the Leave management system app from the beginning as a core member of a project with proper documentation, software design, planning, implementation and testing by collaborating with the product manager.
- Employees and managers use LMS app to apply and approve leave on the fly
- followed Scrum methodology using azure devop's TFS cloud software.
- **Reside menu third party library** (open source) integration to make attractive UI
- **FCM push notification** to notify employees and manager on any leave actions
- Implemented **WebView** class to show payslip & leave policy so that employees can view from LMS app
- Hands-on experience in **REST APIs** & **JSON** data for network calls
- Implemented **GridView** to create custom monthly calendar for management team to keep eye on employee presence status
- Implemented **MPAndroidChart** library to show **bar-chart** as graphics-based display of leave balance and leave types

PoketOffice App— Tracking App

- This application is a complete suite for field staff management, uses the Location Manager provided by android SDK, **FusedLocationProviderClient** provided by google location API to find the exact location
- Primary purpose of this app is to locate field staff and perform paperless activities like Check-in, Attendance, Audits, etc. Admin and Manager can view the full map view with route travelled
- Contributed to the full software development lifecycle from planning, technical requirements gathering, design, development, unit testing, technical problems resolution & Client/ Customer Support
- Worked with agile methodology for continuous integration
- Integrated **Google play services and Google Maps API V2**
- Used **Polylines** to draw path on Google Maps with GPS location changes
- Experience in Publishing workflows on the Google play store
- Worked on **SOAP web services, XML data parsing** and display data in **ListView & Recyclerview**
- Created **foreground service** for getting user's current location
- Implemented **broadcast receiver** to start & stop the foreground service on pre-defined start & end time
- Integrated **MPAndroidChart** open source library for displaying **pie-chart** to show lead status

Command Center App — Field Route Deviation solution

- This app is an Information hub for managing all field assets and resources in real time
- Integrated **Google Maps API V2** to display predefined route with check-points on device
- to show predefined routes on mobile device **Polyline** is used field staff can mark check-in to share their current location option, for this **FusedLocationProviderApi of google**

location API is used to fetch current location and if device is not connected to internet **LocationListener interface of android SDK** is used is used to fetch current location from GPS

● Implemented android **Notification manager** class of android is used to alert employee if he deviates from the predefined route