

Ajay Kotian | 8 years | Technical Lead

Summary

- Software engineer with 8+ years of experience in multiple technologies like Java, Android, SQL, Flutter having expertise in Object Oriented Programming using Java and Kotlin and Mobility expertise in Android Native as well as Flutter

Current Position

Technical Lead

Education

Qualification	Board/University	Passing year	Percentage /Class
B.Tech	Mumbai University	2014	64.15

Technical Skills

Languages:	Java, Kotlin, Dart
Framework:	Android, Flutter
Software:	Android Studio, IntelliJ, MySQL Workbench, VSCode
Databases:	Oracle, MySql
Version control:	Git, SVN
Build tools:	Gradle, Maven

Project Experience

Project 1	Field Officers Mobile Reporting
Description	Android application made for field officers of one of the agro-based companies, who work in the field and visit farmers, retailers. This application is to facilitate the Field officers and also helps higher authorities to keep eye on Field officers.
Responsibilities	Android Developer
Team Size	13
Technical Stack	Android, Java

Project 2	Field Reporting Management Application
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Description	An application built on Android platform for the field managers to plan and distribute the work among the Field officers and keep track of field officers. Initially designed for specific tablets, later got converted to BYOD
Responsibilities	Android Developer
Team Size	6
Technical Stack	Android, Java

Project 3	Capital Expenditure Lifecycle Management
Description	This mobile and web application allows users to generate requests for Capex allocation which is validated and approved by relevant stakeholders. The stakeholders can also track and monitor progress of the capex requests.
Responsibilities	Android Developer
Team Size	12
Technical Stack	Android, Java

Project 4	Farmer Application
Description	This is a mobile application for farmers in India. This application educates farmers on problems that can happen with various crops and suggest their solutions. In this application farmers can view information about Mandi in their vicinity to enable them make decisions to sell their harvested crops. It also provides information about weather predictions in their locality. Both mandi and weather data is integrated from a third party service named weather-risk. This application is supported in vernacular languages as well
Responsibilities	Android Developer
Team Size	3
Technical Stack	Android, Java

Project 5	Community Welfare Application
Description	The App connects users to organisations dedicated to the fight against child labour, abuse, and trafficking. The App aims to accelerate the "100 million for 100 million" movement by connecting change makers to the fight against child labour.
Responsibilities	Android Developer
Team Size	4
Technical Stack	Android, Java

Project 6	Smart pen based prescription solution for Doctors
Description	The App communicates a BLE based Smart Pen with sensors to read characters from a specific pattern on a sheet paper to detect pen strokes and stores the prescriptions written as the primary function. Other functionality include displaying videos and recording voice notes based on specific clicks on the paper using the pen.
Responsibilities	Android Developer
Team Size	8
Technical Stack	Android, Java

Project 7	Aadhaar based KYC using Fingerprint Authentication device via OTG
Description	Integrated Aadhaar based KYC SDK in a client app that authenticates based on Fingerprint reader connected to the phone via OTG
Responsibilities	Android Developer
Team Size	5
Technical Stack	Android, Java

Project 8	Pesticide Spraying Service app for Operators
Description	App developed to be used by Operators of Pesticide Spraying tractors. The app communicates with the BLE based IOT Controller on the tractors to start and stop spraying while capturing the location and other metrics on the phone as well. The Controller also captures data related to the Spray and sends it to the servers. It is also used for additional functions like raising expenses and breakdown service requests. Designed to work in low network condition by caching the data in SQLite database and pushing to the server whenever a network is available. Built on Neebal's BLYNK platform.
Responsibilities	Technical Lead
Team Size	12
Technical Stack	Android, Java & Kotlin

Project 9	Field force management for Managers of Operator app
Description	App developed so that the Managers of the Operator app can monitor and track the data created by the Operators. They can manage the spraying reports, expenses, breakdowns etc. Also has functionality to diagnose controller issues on the tractors.
Responsibilities	Technical Lead
Team Size	12
Technical Stack	Android, Java & Kotlin

Project 10	Tractor Technician App
Description	App developed for the Tractor Technicians who handle the Breakdown requests raised in the Operator and Manager App. They follow the SLAs and handle the complete resolution workflow for the breakdowns. Has multiple users in the hierarchy.
Responsibilities	Technical Lead
Team Size	12
Technical Stack	Android, Java & Kotlin

Project 11	Pesticide Outlet Sales app
Description	Developed for the convenience of Sales Employees of Pesticide outlets. It tracks their attendance based on Geofence and day to day Sales trips locations. The users log the different types of activities they've performed. It has multiple users in the hierarchy. Top level users monitor their subordinates. Designed to work in low network condition by caching the data in SQLite database and pushing to the server whenever a network is available. Built on Neebal's BLYNK platform.

Responsibilities	Technical Lead
Team Size	12
Technical Stack	Android, Java & Kotlin

Project 12	Geofence/Wifi Network/BLE beacon based Attendance app
Description	Developed to replace manual check in. Attendance is marked based on Geofence or White listed Wifi Networks or BLE Beacons depending on the client infrastructure. Monitors the In and Out events and calculates the Time Spent in the office.
Responsibilities	Android Developer
Team Size	3
Technical Stack	Android, Java

Project 13	AudioBot
Description	Chat bot developed to be set up on Information Kiosk devices which can be interacted with via text or voice. Uses on device translation to translate queries before sending to the Dialogflow based backend to find a matching response. Communicates the response to the User using combination of Text-to-Speech and on device translation in their chosen language.
Responsibilities	Android Developer
Team Size	2
Technical Stack	Android, Java

Project 14	Farmer Services App
Description	This is a mobile application for farmers in India. This application is to provide farmers to access an array of services provided by the client. It ties up with their Operator and Logistics ecosystem to provide an Ola like Booking experience for the services.
Responsibilities	Technical Lead
Team Size	12
Technical Stack	Flutter : android + ios

Project 15	Partner Ecosystem App
Description	Developed for the convenience of all the Temporary Partners of Client's ecosystem. They can see their performance, various incentives and earnings in app.
Responsibilities	Technical Lead
Team Size	12
Technical Stack	Flutter : android + ios