

Neeraj Menon C

Senior Mobile Developer & Tech Lead

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PROFESSIONAL SUMMARY

Full-stack engineer with **10+ years of experience** delivering end-to-end software solutions across web, backend, and mobile platforms, with deep expertise in Android development. Specialising in Kotlin, Kotlin Multiplatform, Jetpack Compose, and modern backend development using Spring Boot. Experienced in architecting Android applications, SDKs, and embedded navigation systems across Mobility, E-commerce, FinTech, and Healthcare domains. Passionate about clean, maintainable code, performance optimisation, and developer productivity.

CORE SKILLS

Mobile Android (Kotlin, Java), Jetpack Compose, React Native, Compose Multiplatform

Architecture Clean Architecture, MVVM, MVP, Modularisation, SDK Design, Offline-First

Web React, Next.js, TypeScript, JavaScript (ES6+), HTML5, Tailwind CSS

Backend Kotlin Spring Boot, Python Django, REST APIs, Server-Sent Events

Infra & DB CI/CD, Git, Firebase, AWS S3, Room, SQLite, PostgreSQL, Firestore

Tools Android Studio, VS Code, Fastlane, Gradle, Jira, WebRTC, Stripe

PROFESSIONAL EXPERIENCE (10+ YEARS)

Technical Lead (Sep 2023 – Apr 2025)

Crewscale (On-site at OLA) Bengaluru, Karnataka, India

Embedded within the OLA Maps and Navigation engineering team, contributing to large-scale navigation platforms used across consumer apps, SDKs, and embedded vehicle systems.

- Led Android development for Ola Maps and Navigation platforms, building scalable applications using Kotlin, Clean Architecture, and Jetpack Compose.
- Contributed to Ola Maps Android SDK, used internally across multiple OLA products and external developers.
- Developed navigation systems for Ola Electric HMI (Android-based scooter dashboard).
- Established CI/CD automation pipelines, improving build reliability and developer productivity.
- Performed memory profiling and performance optimisation, resolving leaks and improving runtime stability.

Tech: Android · Kotlin · Jetpack Compose · Clean Architecture · RoomDB · CI/CD

Senior Software Engineer (Jan 2017 – Jun 2023)

Goodbits Tech Pvt. Ltd. (A SimeLabs Company) Kochi, Kerala, India

Led development of large-scale Android and cross-platform applications across E-commerce, FinTech, Healthcare, and Media streaming domains.

- Designed and implemented Android applications using Kotlin/Java with MVP and MVVM architectures.
- Built cross-platform mobile apps using React Native for Android and iOS.
- Led multiple engineering teams and collaborated directly with international clients.
- Delivered production applications with 100K+ to 1M+ users across multiple markets.

Tech: Kotlin · Java · React Native · React · Next.js · Jetpack Compose · Python Django

Software Engineer (Oct 2014 – Jan 2017)

Naga Info Solutions Pvt. Ltd. Trivandrum, Kerala, India

- Developed and released Android apps on the Play Store using Java.
- Built consumer applications ensuring optimal performance and user experience.

Tech: Android · Java

SELECTED PROJECTS

Ola Maps (Navigation)

Consumer navigation application built on Ola Maps platform.

- Architected and developed the Android application from scratch using Kotlin, MVVM, and Clean Architecture.
- Built the entire UI using Jetpack Compose, enabling modern reactive UI development.
- Implemented CI/CD pipelines; introduced JUnit5 testing strategy; conducted memory profiling and leak remediation.

Ola Maps SDK (Navigation)

Core SDK for map rendering and navigation, used across multiple OLA products.

- Implemented new SDK features in Kotlin, improving extensibility for internal and external teams.
- Optimised rendering performance and performed memory optimisation and leak fixes.

Ola Electric – HMI Navigation

Android-based navigation system running on Ola Electric scooter dashboards.

- Developed features interacting with Android system services and AIDL interfaces.
- Implemented dynamic theme switching (Dark / Light / System); optimised for embedded hardware.

Hugo eHealth (Healthcare)

Healthcare platform enabling online doctor consultations and medication tracking.

- Developed Android and iOS apps in React Native.
- Implemented real-time video consultations using VideoSDK; integrated VoIP and Push Notifications via Firebase.
- Led a 6-member cross-functional team.

BCG Intelligent Automation

Fund management platform using ML to process unit-price files and publish to a private blockchain.

- Built admin dashboard in ReactJS; implemented complete UI rework.
- Led a team of 4 developers; oversaw Python Django backend.

Mole (Video Streaming)

Online platform for hiring agents to stream videos exclusively.

- Architected and developed the Android application in Kotlin; led the team of 4 developers.
- Integrated WebRTC via Twilio for live video streaming.

Citizen Bikes

Application to track biking routes, distances, and calorie burns.

- Built the Android application in Java.
- Integrated Google Maps to plot routes; implemented Calorie Burn calculator.

Freelance Projects

PaperLens

Scan Business-cards, receipts, agreements or any documents, and keep them organized in folders. Text recognition from images.

- Mobile app built in react native expo
- Handled distribution using expo EAS.

Hobby Projects

Note Taking App (In Development)

Speak-to-note app with intelligent organisation, search, and conversion to tasks/shopping lists.

- Architected in Kotlin, MVVM, Clean Architecture with full Jetpack Compose UI.
- Offline-first with WorkManager sync; backend in Kotlin Spring Boot with Server-Sent Events.

EDUCATION

B.Tech — Electronics & Communication Engineering (2008 – 2012)

College of Engineering, Adoor · Adoor, Pathanamthitta, Kerala

Ola Electric – Companion App

Mobile application to connect and interact with Ola Electric scooters.

- Contributed to navigation and map modules; optimised performance and fixed memory issues.

Pomelo Fashion (E-Commerce)

Large-scale fashion e-commerce platform across East Asia — 1M+ downloads.

- Worked on the Android app in Kotlin using Clean MVP Architecture.
- Revamped existing UI to Jetpack Compose; migrated MVP codebase to MVVM.
- Implemented GoPay payment method and Unit tests using JUnit5.

Sail Pay (Online Wallet)

Online wallet enabling instant transaction splitting at the point of sale.

- Built Android and iOS apps in React Native; led team of 3 developers.
- Implemented Payment Gateway using Stripe; optimised Django-based API endpoints.

Funds Genie (Mutual Funds)

Personalised platform for instant mutual fund account opening — 100K+ downloads.

- Built the Android application in Java from scratch.

VRO

Social networking platform with real-time chat and audio/video calling.

- Built the Android application in Java.
- Implemented Private/Group chat and Audio/Video calls using Sinch.
- Designed SQLite database for offline-first caching of chat messages and feeds.

Construction Management Software (In Development)

Android & iOS app + website to create and manage construction projects, & manage inventory.

- Built web front-end with NextJS.
- Built backend in Kotlin Spring Boot with PostgreSQL REST API.
- Built Native Android & iOS mobile apps, with clean architecture, MVVM & offline-first approach,

Cricket Scoreboard App (In Development)

Android & iOS app + website to create and manage cricket matches with live score updates.

- Built with Compose Multiplatform, MVVM, and Clean Architecture.
- Backend in Kotlin Spring Boot with PostgreSQL REST API.