DISHA ASHOKKUMAR SHUKLA

Mobile Engineer — Android | Flutter | AI-Integrated Applications

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PROFESSIONAL SUMMARY

Mobile Engineer with 4+ years of hands-on production experience building scalable Android and Flutter applications across fintech, real-time, and consumer platforms — plus 5 years training and mentoring engineering students in modern Android architecture and industry-ready development practices. Deep expertise in MVVM, Clean Architecture, offline-first systems, and secure API integrations. Currently expanding into AI-powered application development — building RAG chatbots and intelligent mobile features using LangChain, LangGraph, and FastAPI — with a focus on scalable, secure, production-grade AI integrations.

TECHNICAL SKILLS

Languages: Kotlin, Java, Dart, Python

Mobile Development: Android SDK, Jetpack Compose, Flutter, MVVM

Architecture: Clean Architecture, Hilt, Coroutines

AI / ML (Hands-on): LangChain, LangGraph, RAG Pipelines, FastAPI

Databases: Firebase, Room, SQLite

Networking: Retrofit, Socket.IO, REST/JSON APIs

Tools: Android Studio, VS Code, Git

PROFESSIONAL EXPERIENCE

Nova Techset — Software Engineer (Mobile: Android & Flutter) - *Nov 2024 – Present*

- Build and maintain production Android and Flutter apps, contributing to modular architecture and optimization across 4 different apps.
- Collaborate cross-functionally on API design, feature planning, and release execution; participate in technical design and reviews.

Strats360 Technolabs — Senior App Developer - *Aug 2022 – Dec 2023*

- Led end-to-end Flutter and Android development from requirements through deployment for 3 production applications, defining architecture standards adopted across the team. Conducted code reviews hence improving code quality and release velocity.
- Delivered production systems for secure payments, onboarding, real-time operations, and analytics.

GMIT — Technical Associate (Android Development & Mentoring) - *Jun 2017 – May 2022*

- Delivered Android development training and mentored 60 students per cohort, guiding real-world application projects using modern architecture practices from design through implementation.

Aseum Infotech — Android Developer - *Sep 2016 – Mar 2017*

- Developed travel and booking Android applications integrating Firebase and REST APIs, implementing authentication and payment workflows for production deployment.

KEY PROJECTS

AutoBazaar Auction (Flutter) - *Real-time vehicle auction - https://play.google.com/store/apps/details?id=com.autobazaar.auction*

- Built a real-time bidding platform enabling live auctions, inventory browsing, membership management, and secure payments. Architected Socket.IO-based live bid synchronization and Firebase push notifications to keep bidders updated in real time across concurrent auction sessions.

Hudlr (Kotlin) - *Athlete–trainer marketplace - https://play.google.com/store/apps/details?id=com.hudlrio*

- Built a native Android marketplace connecting athletes with trainers for session booking. Implemented end-to-end authentication, onboarding, service listings, and real-time booking/availability management.

Loan Origination System (Kotlin)

Vehicle financing platform

- Built an end-to-end loan origination and collection management system for vehicle financing. Designed an offline-first architecture (Room + real-time API sync) supporting EMI computation, credit bureau integration, and Bluetooth receipt printing — enabling field agents to operate reliably in low-connectivity environments.

AI-Powered Notes & Reminder App

Personal/exploratory project

- Built a mobile notes app with backend AI services auto-generating intelligent categories via embeddings and prompt-based inference — a hands-on exploration of production mobile + AI integration patterns using LangChain/RAG pipelines.

EDUCATION

Gujarat Technological University

Master of Engineering — 2014 – 2016

Bachelor of Engineering — 2009 – 2013

- Technical Content Creation — Produce YouTube videos on wireless communication and mobile app design patterns.