

ADESH YADAV

Flutter Developer

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PROFESSIONAL SUMMARY

Flutter & Full Stack Developer with 3+ years of experience building production-ready mobile apps for healthcare, e-commerce, and logistics startups across the globe. Expert in Clean Architecture, BLoC, FastAPI, Spring Boot, and AI integrations (RAG, LangChain). Comfortable working across EST, PST, GMT, and GST timezones. Available for remote, hybrid, freelance, and full-time opportunities worldwide.

SKILLS

Mobile: Flutter, Dart, Flame Engine, Android, iOS

State Management: BLoC, Cubit, GetX, Provider, Riverpod

Architecture: Clean Architecture, MVVM, SOLID Principles, Agile, Scrum

Backend: Spring Boot, Django, Python, Java, FastAPI

DevOps & Tools: Git, GitHub, Docker, Firebase, CI/CD

AI & Databases: LangChain, RAG (Retrieval-Augmented Generation), pgvector, PostgreSQL

APIs & Services: Google Maps SDK, REST APIs, WebRTC, Razorpay, CC-Avenue

PROFESSIONAL EXPERIENCE

Flutter Developer | [OHA Research Pvt. Ltd.](#) | Pune, MH | Sep 2025 – Present

- Building cross-platform healthcare apps for doctors and patients using Flutter, Clean Architecture, AutoRoute, and Cubit
- Implemented secure Role-Based Access Control (RBAC) and multi-layered authentication for doctors, nurses, hospital staff, and patients
- Built consultation management module with real-time vitals tracking and automated prescription generation with PDF export
- Developed pediatric growth charts, dental examination charts, and gynecological examination workflows as clinical feature modules
- Engineered real-time communication layer using WebSockets — live data sync for instant patient status and appointment updates
- Integrated AI-powered chatbot for patient engagement and automated query handling
- Shipped Flutter Web app (v1.0) with MinIO for object storage; deployed via CI/CD pipelines using AWS (S3, CloudFront) and Cloudflare CDN
- **Links:** [app.oha.in](#) | [patient.oha.in](#)

Full Stack Flutter Developer | GET E IDEAS | Panchkula, HR | Jan 2024 – Sep 2025

- Architected Jonkk as LAB and Jonkk as PHLEBO (iOS + Android) — B2B platform connecting diagnostic labs with phlebotomists for on-demand sample collection
- Used Clean Architecture, MVVM, BLoC, and SOLID principles with feature-wise DDD module separation
- Integrated Google Maps SDK with H3 Hex-based proximity search (Uber's algorithm) for intelligent nearby phlebotomist discovery
- Implemented Razorpay payment gateway, Firebase Cloud Messaging (FCM) for push notifications, and background location services
- Built GamleWala (e-commerce, similar to FNP) with GetX + Razorpay and CloseToBuy (food delivery, similar to Zomato/Swiggy) with Provider; shipped to Play Store
- Developed SkinOcare (iOS, similar to CureSkin) — AI-driven skincare app with photo-based skin analysis, personalized questionnaire, product recommendations, skin progress tracking via periodic photo uploads, and in-app purchases
- Led Figma UI/UX design from scratch; shipped 5+ apps to Play Store and App Store

- **Links:** [CloseToBuy App](#) | [SkinOcare App](#)

Associate Flutter Developer | MedCab Care Pvt. Ltd. | Lucknow, UP | Apr 2023 – Dec 2023

- Developed MedCab ambulance booking suite (Customer, Driver, Partner apps) with 100K+ downloads — real-time GPS, Google Maps, push notifications, and CC-Avenue payment gateway
- Engineered real-time ambulance tracking with Google Maps SDK — live driver markers, route polylines, and background location services
- Integrated CC-Avenue payment gateway and Firebase Cloud Messaging (FCM) for instant booking alerts
- Designed click-to-call feature with automatic GPS location capture — eliminating manual address input for emergency users
- Built air ambulance booking, lab sample collection module, and customizable service add-ons (oxygen, ICU, ventilator)
- Implemented MVVM + GetX architecture across 3 published apps — modular, testable codebase
- **Links:** [MedCab Consumer](#) | [MedCab Driver](#) | [MedCab Partner](#)

FREELANCE EXPERIENCE

Freelance Flutter Developer | [GlideX Tech Solutions](#) | Remote | Sep 2025 – Jan 2026

- Built no-code drag-and-drop Flutter app builder with real-time preview, 50+ widget support, and code extraction (code generation)
- Architected using Clean Architecture and Cubit as a Flutter Web app

OPEN SOURCE

flutter_screen_responsive | [pub.dev](#) | [GitHub](#)

- Open-source Flutter package for responsive UI across 7 device types with smart auto-fallback chain and CSS-like local breakpoint overrides. Any widget subtree can override its own breakpoints independently without affecting the rest of the app.

PROJECTS

AI Chatbot with RAG & Agentic Tools | [Live Demo](#) | 2026

- ChatGPT-like AI chatbot with RAG (Retrieval-Augmented Generation) for document Q&A, and agentic tools — Web Search, Weather, Time, and Calculator
- Flutter frontend (Clean Architecture, BLoC) with FastAPI backend powered by LangChain, LangGraph, and pgvector for embeddings

Messenger App | [GitHub](#) | Aug 2025 – Sep 2025

- Real-time messaging and WebRTC video/audio calling with SDP signaling via Firebase (no external server)
- Google Sign-In via Firebase Auth — built with Clean Architecture (MVVM) and GetX state management

Flappy Bird Game | [Live Demo](#) | Jan 2022

- Built with Flame Engine (Flutter 2D game framework) — smooth 60 FPS gameplay with collision detection and BLoC state management
- Live demo playable on GitHub Pages

EDUCATION

B.Tech, Computer Science & Engineering | IIMT Engineering College, Meerut, Meerut, UP | 2020 – 2024

INTERNSHIP

Python Intern | Robust Results Pvt. Ltd., Gurgaon, HR | May 2022 – Jun 2022

- Completed Python internship covering core concepts, Tkinter GUI development, and SQLite database integration. Certificate: [Link](#)
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LANGUAGES

English (Professional) | **Hindi** (Native)