

VIMAL CHAUDHARY

App Developer

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Summary

Results-driven Android Developer with expertise in Kotlin, Jetpack Compose, and Firebase. Experienced in building scalable apps with maps, payments, and AI-driven features. Passionate about clean architecture (MVVM, Hilt) and delivering user-focused mobile solutions. Proven leadership in hackathons and hands-on projects integrating AI, RAG, real-time databases, and APIs.

Skills

- **Frontend Mobile:** Kotlin, Jetpack Compose, XML, ViewBinding
- **Backend & Databases:** Django, PHP, Node.js, Firebase, RoomDB, MySQL, SQLite
- **AI & Tools:** Google Gemini API, RAG, LangChain, JDoodle API, Git, GitHub
- **Networking & Services:** Retrofit, Volley, REST API, JSON, Google Maps API, Payment Integration (Razorpay)
- **Architecture & Methodologies:** MVVM, Hilt, Agile, SDLC
- **Soft Skills:** Team Collaboration, Communication, Problem Solving, Time Management, Adaptability

Projects

DSA Assistant App

May 2025 – June 2025

- * Developed an Android app using Gemini API + RAG for AI-driven DSA questions and detailed solutions. Integrated JDoodle API compiler for Java, C++, Python, and JavaScript. Implemented Firebase Authentication & Realtime DB for solution tracking. **Impact:** Helped 200+ students practice DSA and execute code in real-time.

Recipe App – Your Chef

November 2024 – December 2024

- * Android app to browse and search recipes with offline access using RoomDB. Integrated Google Maps API for locating nearby restaurants offering selected recipes. Designed intuitive UI with XML & RecyclerView for fast and smooth navigation.

Smart Farming App (Hackathon Project)

October 2024 – November 2024

- * Developed an AI-powered Android app for farmers featuring chatbot support, crop recommendation using ML, and weather-based suggestions. Integrated Google Maps API for farmland tracking and Firebase for real-time updates.

Hackathon Experience

- **Team Leader:** CU Hackathon (2024) – Built Smart Farming App (AI + Maps + Chatbot).
- **Team Leader:** Smart India Hackathon (2025) – Developed Healthcare AI App with payments and booking.
- **Participant:** Naukri.com Hackathon – Showcased optimized DSA problem-solving app.

Education

Bachelor of Computer Applications

2023 – 2026

Swami Vivekanand Group of Colleges, Chandigarh

CGPA: 9.0 / 10

Senior Secondary (12th) - Science Stream

2023

Jawahar Navodaya Vidyalaya, Mohali

Percentage: 70%

Matriculation (10th)

2021

Jawahar Navodaya Vidyalaya, Mohali

Percentage: 92%

Additional Highlights

- Experienced in Google Maps and Payment Gateway integration in Android apps.
- Hands-on with RAG (Retrieval-Augmented Generation) and AI chatbot development.
- Published portfolio showcasing multiple Android & AI projects.
- Strong in Data Structures & Algorithms (C++ / Java).