Ankit Yadav

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Portfolio

SUMMARY

Software Engineering student with strong CS fundamentals and hands-on experience in **mobile, backend, cloud-native, and generative AI systems**. Skilled in building scalable APIs(FAST, REST), real-time applications, and AI-powered platforms using modern frameworks, vector databases, and cloud deployments.

EXPERIENCE

Android Developer Intern — LitAmor   Jul 2025 – Present
React Native, Firebase, Firestore, Node.js

- Built cross-platform mobile app with secure authentication, optimized state management, and real-time tracking.

- Migrated REST APIs to Cloud Functions and optimized Firestore queries, improving efficiency by **40%** and reducing latency by **25%**.

PROJECTS

LocalConnect — Local Business Discovery App
React Native, Node.js, MongoDB, Zustand   GitHub

- Location-aware discovery platform with admin/business portals and real-time updates.

- Backend optimized using caching, compression, and batched API responses.

AI Social Hub — AI-Powered Social Platform
React Native, Express, MongoDB, Redis, LLM APIs   GitHub

- Real-time feed, chat, and AI-assisted content generation.

- Reduced LLM latency by **60%** using Redis caching with Cohere APIs.

SmartResume — AI Resume Builder
MERN, LangChain, Cohere AI, Vector DBs   Live

- AI-based resume generation with PDF/DOCX export, autosave, and versioning.

- Implemented embeddings-based personalization using LangChain + Pinecone.

EDUCATION

B.Tech in Computer Science Engineering — United College of Engineering and Research   2022–2026
CGPA: 7.3/10
Class XII (UP Board): 86%   —   Class X (UP Board): 81%

SKILLS

Languages: C, C++, Python, JavaScript (ES6+), Java (Core & Advanced)
Core CS: DSA, OOP, OS, DBMS, Computer Networks, System Design
Backend & Cloud: FastAPI, Node.js, Express, REST APIs, MongoDB, Firestore, AWS (Lambda, S3, EC2), GCP Firebase, Serverless
DevOps: Docker, CI/CD, GitHub Actions, Vercel, Cloud Functions, Microservices
Mobile & Frontend: React Native, Responsive UI, Animations, State Management, Figma
ML & Deep Learning: Supervised/Unsupervised Learning, ANN, CNN, PyTorch, scikit-learn, NumPy, Pandas
Generative AI: LangChain, OpenAI/Cohere APIs, RAG, Embeddings, Pinecone, ChromaDB, Prompt Engineering
Real-Time & Tools: Socket.IO, WebSockets, Git, GitHub, Postman, VS Code, Android Studio