Ankit Dimri

Software Engineer

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GitHub | LinkedIn | LeetCode | portfolio-nine-orcin-33.vercel.app | Brain map

Summary

Software Engineer who builds and runs production systems end to end: iOS and Android apps (React Native), web (Next.js, React), APIs (Node.js, MongoDB), CI/CD (Jenkins) and cloud (GCP, AWS, Cloudflare). 3+ years across the MERN stack, React Native, Python and ML; mentor to 25,000+ learners.

Technical Skills

Mobile: React Native (Expo, EAS), iOS, Android, App Store & Google Play releases, Firebase

Frontend: React, Next.js, Redux, HTML, CSS, Tailwind CSS

Backend: Node.js, Express, FastAPI, Django, Flask, REST APIs, JWT

Databases: MongoDB, PostgreSQL, ClickHouse, Redis

Cloud & DevOps: GCP, AWS, Cloudflare, NetBird, Docker, Kubernetes, Jenkins CI/CD, Sentry, Mixpanel, Vercel, Render

Programming: Python, JavaScript, TypeScript, C++

Machine Learning: NumPy, Pandas, scikit-learn, NLP

Tools: Git, GitHub, Postman, VS Code, Cursor, Claude Code

Problem Solving & GitHub

690+ LeetCode problems solved (380+ medium, 125+ hard) and 590+ commits of daily-challenge solutions.

GitHub: 1,900+ contributions in the last year (1,299 at FileSure, private) and 1,050+ commits across my own projects, summed up on my brain map.

Education

Bachelor of Arts (B.A.)
Shri Dev Suman (PG) College
Languages: English, Hindi

Certifications

Tutedude: MERN, Data Science, ML, React Native, DSA, Python, C++ · view all

freeCodeCamp:
Responsive Web Design (300 hrs)

HackerRank: Python (Basic)

Work Experience

FileSure India Pvt. Ltd. · Remote — iOS app | Android app | Website | API
Software Engineer — Aug 2026 – Oct 2026

- Rebuilt company screening for 3.8M companies on ClickHouse in 6 days: one scan instead of 26 searches took filters from 60 s timeouts to seconds.
- Built 42 sectors and 146 sub-sectors, classified 274K companies from MGT-7 returns, and grew turnover data from 8 to 27,873 public companies.
- Launched the iOS app on the App Store (3 Aug 2026) and shipped both apps to 1.0.13, with ~50 over-the-air updates from Aug to Oct.
- Added director history and ready-to-show capital to the API, and fixed its docs.
- Ran the tech with the founder: 7 releases in a week via gated Jenkins CI/CD, incidents, 21 runbooks; GCP, AWS, Cloudflare and NetBird zero-trust access.

Tech Support & Operations Intern — Apr 2026 – Jul 2026

- Built FileSure's iOS and Android app from scratch in React Native (Expo), writing 92 of its first 100 commits: sign-in, payments, push; on Google Play from 13 Jul 2026.
- Led the backend's move from AWS to GCP (Kubernetes) behind a gated Jenkins pipeline, and indexed 3.67M companies and 8.7M directors with 0 failures.
- Built the name → CIN/DIN lookup API with OpenAPI docs and sandbox tests; resolved support tickets end to end and wrote 15 docs and runbooks.
- Promoted to full-time Software Engineer after 3 months of a 6-month internship.

Tutedude · Remote · Part-time
Technical Mentor – Full Stack, React Native & AI/ML — Feb 2023 – Present

- Mentored 25,000+ students in MERN, DSA (C++/Python), ML and React Native.
- Led real-world ML projects end to end: employee retention, food delivery time prediction and global pollution analysis.

Projects

Developer portfolio — Code | Live | Brain map
Pre-rendered React site and Node.js API, plus an AI English coach (llama.cpp or Groq).

- Built a resume builder: 5 templates, ATS check, PDF by email and Google sign-in.
- Built a scheduler booking Google Meet calls into Google Calendar; 1,200+ CI tests.

React, Vite, Node.js, Express, PostgreSQL (Neon), Google Calendar & Gmail APIs, GitHub Actions

AI-first HCP CRM — LangGraph + FastAPI — Code | Live
Field reps log doctor visits in plain English, and an AI agent fills in the CRM.

- LangGraph agent with 5 tools (log, edit, follow-up, materials, history) on Groq.
- Pulls 8 fields into PostgreSQL via SQLAlchemy; edits change only the fields named.

FastAPI, LangGraph, Groq LLM, PostgreSQL, SQLAlchemy, React, Redux Toolkit

RN-Wallet — ML expense tracker — Code
React Native expense tracker on an Express + PostgreSQL API, with Clerk sign-in.

- FastAPI + scikit-learn service picks each expense's category from its title.
- Redis caching and rate limiting; charts for monthly trends and category spending.

React Native (Expo), Node.js, PostgreSQL (Neon), Redis, Clerk, FastAPI, scikit-learn

QuickCart — MERN e-commerce — Code | Live
MERN store with user and admin roles (JWT cookies), Stripe checkout and Cloudinary.

- Admin dashboard for products, orders, users and reviews, with sales charts.

React, Redux, Material UI, Node.js, Express, MongoDB, Stripe, Cloudinary, Chart.js

Real-time Todo — Expo × Convex — Code
Edits sync instantly across devices, with progress tracking and dark mode.

React Native (Expo Router), TypeScript, Convex

Neural network from scratch — Code
30–5–3 NumPy network trained with backpropagation: 95.67% accuracy on A–C.

Python, NumPy