

Chaman Yadav

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EDUCATION

Indian Institute of Information Technology, Pune (IIIT Pune)

Bachelor of Technology in Computer Science and Engineering (8.65 CGPA)

Nov 2022 - May 2026

Pune, India

EXPERIENCE

MTS Intern | DevRev.ai

Jan 2026 - Present

Mobile Development, SDK, iOS, Swift, Hybrids (React Native, Flutter, Cordova), Github, Fork

Mumbai, India

1. Implemented **network observability** into **SDK** with on-device PII scrubbing, re-architecting from URLProtocol to URLSessionTask swizzling and KVO observers, making it lightweight with ~5-9µs latency overhead (<0.001% total latency).
2. Architected **wireframe** session-replay system using JSON instead of screenshots, achieving **6.5x** session size reduction (1.38 MB/min to 210 KB/min) with per-node privacy masking.
3. Built 10 hardware/stress test screens across **UIKit/SwiftUI** apps, validating frame-capture accuracy and privacy masking with 85%+ end-to-end and unit test coverage.

Backend Developer | The Tech Musketeers

Sep 2024 - Feb 2025

FastAPI, Python, Node.js, Next.js, Stripe, Supabase, Prisma, PostgreSQL, Docker, OpenAI

Remote

1. Built a **full-stack** NGO platform that uses pre-designed templates & AI assistants that accelerated proposal creation by **80%**.
2. Created an OpenAI-powered **chatbot** using **OpenAI** APIs and Next.js — reduced proposal creation time by 80%.
3. Developed the admin dashboard, proposal management APIs, **role-based access** control (admin/editor/user), telemetry, and centralized logging using **Supabase and Docker**, improving security and debugging.
4. Integrated automated invoicing, **stripe** subscriptions, billing APIs and management dashboard reducing billing effort by 90%.

PROJECTS

Smartvids (AI Video Creation Platform)

Github

Next.js, MongoDB, Prisma, Clerk, Stability AI, Stable Diffusion, Google's Gemini, ElevenLabs

1. Devised an AI-driven platform generating complete videos from text prompts by automating scriptwriting, voiceovers & visuals.
2. Utilized Google's Gemini for script generation, ElevenLabs for realistic Text-to-Speech, and Stable Diffusion & Stability AI for custom visuals, significantly cutting production time to 1 to 10 minutes from hours/days.

Ai-Kart (Marketplace for AI Apps)

Github | Live

Google's Gemini, LLM, NodeJS, ReactJS, Firebase

1. Orchestrated a cutting-edge web application enabling users to create custom AI apps with detailed system prompts, structured input fields through an easy to use UI, accelerating app creation time by 90%.
2. Integrated Gemini API and vector embeddings to facilitate precise prompt engineering and launched a marketplace for monetizing custom AI apps. Deployed the backend and frontend on vercel.

Crudcy (A Coding Platform)

Github

NodeJS, Express, Docker, NextJS

1. Constructed a feature-rich online compiler with secure, isolated Docker containers for safe code execution, supporting 4+ programming languages (C++, C, Python, Java) which are easily extensible.
2. Developed a sophisticated Next.js frontend, incorporating the Monaco Editor to empower users with robust coding capabilities, which is now utilized by over 50 developers.

SKILLS

Programming Languages: Python, C, C++, JavaScript, TypeScript, Java

Web and databases: Node.js, FastAPI, Next.js, React.js, Prisma, MongoDB, PostgreSQL, Supabase, Firebase

Tools & Environments: Docker, Git, GitHub, Postman, Ngrok, VirtualBox, Linux, VS Code, IntelliJ

AI/ML: NLP, Vector Embeddings, LLMs, Retrieval Augmented Generation (RAG), OpenAI APIs, Google Gemini, Stable Diffusion, Stability AI, ElevenLabs, Scikit-learn, numpy, pandas

Coursework: Data Structures & Algorithms, OOP, Databases, Operating Systems, Artificial Intelligence, Machine Learning,

Certificates: Deep Learning Specialization(Andrew Ng), Backend Internship, Atmeecs Hackathon

CODING PROFILES

- [Codeforces](#) : expert (max rating : 1601)
- [Codechef](#) : 4-star (max rating : 1828)

ACHIEVEMENTS

1. Achieved Expert status at Codeforces (max rating of 1601) and 4-star at Codechef (max rating of 1828).
2. Finalist in ATMECS Global GEN AI Hackathon 2024 (Top 16 out of 4,900+ teams). ([project](#))
3. Winner of JamShack Hackathon (Organized by NIT Agartala, June 2023) out of 300+ teams. ([project](#))
4. Secured 4th place (Best Project in 2nd Year) in "Hackin" Hackathon - IIIT Pune's Internal hackathon. ([live website](#))
5. Secured 97.5 percentile in JEE Mains (Top 2.5% out of 1,000,000+ students).