




Chirag Aggarwal

Bachelor of Technology, Computer Science (AI Specialization)
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Experience

• Platform Engineer

Dec 2024 - Present

Appwrite

Remote

- Worked on Major features like Figma OAuth, Image Transformations, Types generation in CLI etc.
- Worked on over 200+ PRs in the OSS repo, along with many other in private repos.
- Started working with the team as an Engineering Intern.

• Backend Developer Intern

Jul 2024 - Sep 2024

Skillarena

Remote

- Led backend development using Node.js and Express.js, implementing microservices architecture
- Engineered a real-time messaging system using WebSockets and FastAPI, handling concurrent connections efficiently
- Implemented comprehensive API documentation and testing protocols

• Full Stack Developer Intern

Oct 2023 - Dec 2023

Clearmind AI

Remote

- Development of key features using Next.js and TypeScript
- Architected and orchestrated Stripe payment integration, enabling user payments on the platform
- Architected automated testing suite reducing QA times

Personal Projects

• Asclepius - Healthcare Management System

GitHub

Python, SQLite, Custom Tkinter

- Engineered a desktop application processing multiple daily medical records
- Implemented role-based access control system supporting concurrent administrative users
- Designed inventory management system reducing medicine stockout incidents

• Cal Buddy - AI Calendar Assistant

Live Demo | GitHub

TypeScript, Next.js, CopilotKit, LLama3.2

- Built scalable calendar application serving 100+ daily active users with real-time updates
- Integrated LLama3.2 for smart scheduling, reducing meeting planning time
- Engineered REST API handling daily requests with low response times

• Suraksha AI - Intelligent Surveillance System

GitHub

Python, Flask, Firebase, YOLOv11

- Developed ML-powered security system achieving 95% accuracy in threat detection
- Built real-time video processing pipeline handling 30+ FPS with edge computing
- Created dashboard with Chart.js visualizing security metrics

Education

• Bachelor of Technology in Computer Science and Engineering (Artificial Intelligence)

2022-26

Bennett University, Greater Noida

CGPA: 9.71

Technical Skills

Languages: PHP, Python, TypeScript/JavaScript, C++, Rust, Go, Java

Frontend: React.js, Next.js, Svelte, Vue.js, HTML5/CSS3, Redux, Tailwind

Backend: REST, Node.js, Express.js, Django, FastAPI, GraphQL, WebSocket

Databases: PostgreSQL, MongoDB, Redis, Firebase, Prisma ORM, MariaDB

DevOps & Tools: Docker, Kubernetes, Git, GitHub Actions, AWS, Postman, Jest

Achievements & Certifications

Awards: Dean's List (9.86 SGPA), DevFest'24 winner (Global OS Hackathon)

Certifications: Google IT Support, CISCO Cybersecurity, Postman API Expert, FPT University Summer Immersion Participant