

# Aditya Vaish

U.S. Green Card Holder



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GitHub



LinkedIn

## EDUCATION

### • Bachelor of Technology in Information and Communication Technology (ICT)

Minor in Computational Science

Dhirubhai Ambani University, Gandhinagar, Gujarat

Jul 2024 – Present

## EXPERIENCE

### • Superr.AI

Product Engineer Intern

Aug 2025 – Oct 2025

- Developed scalable full-stack web apps combining **Next.js** frontends with **FastAPI**-powered AI inference backends.
- Integrated large language models for on-demand processing, cutting API latency by 25%.
- Designed modular and reusable components using **React.js** and **Tailwind CSS** for rapid iteration.
- Enhanced CI reliability by optimizing backend pipelines in **GoLang** and containerizing workloads via **Docker**.

### • KwezyHQ

Product Engineer Intern

Aug 2025 – Oct 2025

- Collaborated asynchronously with teams across time zones to ship production features in a distributed setup.
- Automated deployment via **CI/CD pipelines** using **Docker**, **GitHub Actions**, and **Vercel**.
- Integrated **FastAPI**-based inference endpoints with React dashboards, improving user response time by 30%.
- Contributed to internal analytics dashboards monitoring API uptime and usage metrics.

### • Google Developer Group (GDG) On Campus, DAU

Core Team Member

Jul 2025 – Present

- Organized workshops on **Git**, **DevOps**, **MERN stack**, attended by 100+ students.
- Led open-source projects, mentoring contributors in version control and clean code practices.
- Coordinated events like **Dev-olution** and peer-learning sessions to promote hands-on project development and enhance the culture of open source.

## PROJECTS

### • Keradon – AI-Powered Web Scraper

Python, Next.js, Firebase, Groq LLM, FastAPI, Shadcn UI

[GitHub Link](#)

- Built an **AI-driven web scraper** that extracts and summarizes news articles using **Groq LLM APIs**.
- Designed real-time visualization dashboards and deployed via **Firebase + Vercel**.
- Improved API throughput and implemented secure routing for multi-user sessions.

### • Crypto-Pi – Cryptocurrency Price Alert System

Python, CoinGecko API, Twilio, SMTP, Rich CLI

[GitHub Link](#)

- Automated crypto price alerts with **Twilio SMS** and **SMTP email notifications**.
- Parsed and visualized live market data via **CoinGecko API** and built interactive **CLI dashboards**.
- Implemented config-based alert thresholds for multi-coin tracking.

### • Opticom – Multi-Client Chat Server

C++, Socket Programming, Multithreading

[GitHub Link](#)

- Designed a concurrent **TCP-based chat server** handling 50+ clients simultaneously using POSIX threads.
- Implemented server broadcasting, client authentication, and message synchronization.
- Optimized network I/O using non-blocking sockets and mutex-protected message queues.

## TECHNICAL SKILLS

- **Languages:** C, C++, Python, Go, JavaScript, TypeScript
- **Coursework:** Data Structures & Algorithms, Object Oriented Programming, Computer Networks, System Design, DBMS
- **DevOps/Cloud:** Docker, Kubernetes, CI/CD, GitHub Actions, Vercel, Firebase
- **Frameworks:** React, Next.js, Node.js, Express.js, FastAPI, Django, Flask
- **Databases:** SQL, MongoDB, Firebase, Supabase
- **Tools:** Git, GitHub, Linux, Postman, VS Code

## ACHIEVEMENTS

- Presented the **Dyslexia Detector App** at IIM Ahmedabad CTDP 2025, highlighting AI-driven accessibility solutions.
- Recognized among the top **AI accessibility projects** at IIM Ahmedabad for significant impact in education technology.
- Invited to present research on **perishable agricultural commodities** using deep learning integrated with A.I at the IMRC Conference, IIM Ahmedabad 2025.

## CERTIFICATIONS

- **Full Stack Web Development Bootcamp** – Udemy Certificate
- **HackerRank Python Certification** – HackerRank Certificate