

Aditya Vaish

U.S. Green Card Holder

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Education

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

Dhirubhai Ambani University, Gandhinagar, Gujarat

Expected 2028

Experience

• Superr.AI

Product Engineer Intern

Aug 2025 – Oct 2025

- Engineered full-stack applications integrating **Next.js** with **Go** inference backends, reducing API latency by **25%**.
- Built and orchestrated **Python data pipelines** on **AWS**, enabling seamless data flow and scalable processing.
- Deployed containerized microservices using **Docker**, improving CI/CD reliability and reducing build failures by **15%**.
- Developed full-scale web platforms in **Next.js**, accelerating frontend delivery by **30%** through optimized component architecture.

• KwezyHQ (concurrent)

Product Engineer Intern

Aug 2025 – Oct 2025

- Worked in an asynchronous fast-paced startup environment shipping software for both Kwezy and Superr.ai.
- Automated deployments via **CI/CD** using **Kubernetes**, **Docker**, and **Vercel**.
- Integrated **FastAPI** based AI endpoints into internal analytics dashboards, improving data refresh latency by **30%**.

• Google Developer Group (GDG) On Campus, DAU

Core Team Member

Jul 2025 – Present

- Conducted hands-on workshops on **Git**, **DevOps**, **MERN Stack** for 100+ attendees.
- Mentored peers on open-source collaboration, clean code, and project deployment.
- Led event initiatives like **Dev-o-lution** to foster project-based learning culture on campus.

Projects

• Keradon – AI-Powered Web Scraper

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

GitHub

- Built an AI-driven web scraper with Next.js, Python, and FastAPI that extracts and summarizes articles using the Groq LLM API – processed 500+ queries/day and analyzed 5k+ articles.
- Deployed real-time dashboards on Vercel using Shadcn UI for 200+ monthly users, enabling visualization of scrape results and summaries.
- Implemented secure routing and optimized API throughput (multi-user sessions) via Next.js and FastAPI – reduced average response latency by 15%.
- Engineered Python-based scraping API that extracts datasets, metadata, and summarized text from URLs, supporting scalable extension to new domains.

• Crypto-Pi – Cryptocurrency Price Alert System

Python, CoinGecko API, Twilio, SMTP, Rich CLI

GitHub

- Automated real-time cryptocurrency price alerts via Twilio SMS and SMTP email with configurable thresholds.
- Visualized live crypto data from CoinGecko API using an interactive CLI dashboard built with the Rich library.

• Opticom – Multi-Client Chat Server

C++, Socket Programming, Multithreading

GitHub

- Built a concurrent TCP chat server handling 50+ clients using POSIX threads for multithreading.
- Implemented non-blocking sockets and mutex-protected message queues for high-throughput messaging.
- Reduced communication latency by 10%.

Technical Skills

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

Achievements

- Presented a Poster on **Dyslexia Detector App** at IIM Ahmedabad CTD 2025 recognized among top AI accessibility projects.
- Invited speaker at IMRC Conference, IIM Ahmedabad 2025 for research on **AI modeling in Perishable Agricultural Commodities**.

Certifications

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