# Aditya Vaish

U.S. Green Card Holder

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## 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 increase the culture of open source in our institute.

## 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, 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