

Upayan Mazumder

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GitHub: github.com/upayanmazumder

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Education

Vellore Institute of Technology

B.Tech, Computer Science

Jul 2024 – Present

Indian Institute of Technology

B.S, Data Science

Jun 2024 – Present

Technical Skills

Languages & Frameworks: Java, Go, JavaScript, TypeScript, Python, React, Next.js, Qwik

Backend & APIs: Node.js, Express, Go, REST APIs, Microservices

Databases: MongoDB, PostgreSQL, Redis, Firebase, SQLite

DevOps & Infra: Git, Docker, Kubernetes, CI/CD, Linux, Cloudflare

IoT & Embedded: ESP32, Raspberry Pi, Arduino, Sensors

Experience

KalkiNi

Dec 2024 – Mar 2025

Frontend Web Development Intern — Vellore, India (Hybrid)

- Engineered 15+ responsive frontend components using React and Tailwind CSS.
- Integrated interactive UI modules and secure payment workflows.

EraNodes Hosting

Dec 2023 – Mar 2025

Developer — Singapore (Remote)

- Optimized and maintained hosting dashboards, automation tools, and client websites.
- Streamlined deployments and improved security protocols, reducing downtime by 20%.

BBN Music

Jun 2023 – Mar 2025

Digital Engagement & Junior Developer — United States (Remote)

- Enhanced artist community platforms with 10+ frontend features, increasing engagement by 15%.
- Assisted with web design and advertising integration, improving reach.

Projects

Papers

Contributor & Maintainer — CodeChef VIT

Apr 2025 – Present

- Platform providing past VIT exam papers; serves **45,000+ users**.
- Optimized content delivery and accessibility.

FFCS Inator

Contributor & Maintainer — CodeChef VIT

Jun 2025 – Present

- Timetable planning platform; serves **10,000+ users** with **30,000+ page views**.
- Scaled features post-deployment, improving user satisfaction.

Kargo

Lead Developer & Maintainer — GDGVIT

May 2025 – Present

- Kubernetes-native deployment platform for Dockerized apps with AI-assisted setup.
- Designed secure infra, automated CI/CD pipelines, and scalable orchestration.

Open Source & Contributions

- Super Contributor — Hacktoberfest 2025

- Contributor to Microsoft PowerToys