KOTAGIRI ABHINAV

Hyderabad, India

+91 9515644624 | abhinavkotagiri31@gmail.com | linkedin.com/in/abhinav-kotagiri | github.com/abhx31

Technical Skills

Languages: Java, JavaScript, TypeScript, Python, SQL.
Tools: Git, GitHub, Postman.
Web Development: React.js, Tailwind CSS, Node.js, Express.js, Next.js.
Databases & ORM: PostgreSQL, MongoDB, Redis, Prisma, Drizzle, Supabase.
Backend & AI/ML: FastAPI, Flask, Celery.
DevOps: AWS EC2, AWS S3, Docker, Docker Hub, CI/CD using GitHub Actions, Nginx.

Experience

Scholiphi **August 2026 – Present**
Full Stack Developer (Part-time) *Remote*

- Developed **385 REST APIs** over a **74-table PostgreSQL schema** (Drizzle ORM) for four modules (Alumni, HRMS, Transport and Hostel) of a multi-role school management platform.
- Engineered Hostel (room allocation, incidents, mess inventory) and Transport (live trips, pickup/drop) modules.
- Implemented role-based apps for staff, teachers, students and parents using React, Express and Ant Design.

Zenbeta Technologies **May 2025 – May 2026**
Full Stack Developer Intern *Onsite*

- Worked with the DevOps team on GitHub Actions CI/CD across **dev, staging and production**, with the backend on Render (staging) and AWS (production) and the frontend on Vercel.
- Designed and developed an HRMS (React, Express, Supabase) adopted by Zenbeta and its parent organization, digitizing onboarding for **200+ employees** and cutting turnaround from **2–3 days to under 1 hour**.
- Enforced mandatory-field validation before submission, eliminating incomplete applications and repeat resubmissions.

Projects

Punarnavah – Turning Waste into Opportunity **GitHub**

- Built a **two-stage GitHub Actions pipeline**: a build workflow validates every push to main and blocks failed builds; the deploy workflow runs only after it passes.
- Automated releases by pushing each **Docker image** to Docker Hub and deploying it to **AWS EC2** over SSH, served behind an **Nginx** reverse proxy.
- Developed the app itself: a **waste management platform** connecting households, artisans and municipalities.
- **Tech Stack:** React.js, TypeScript, Tailwind CSS, Node.js, Express.js, Prisma, PostgreSQL, JWT.
- **DevOps:** Docker, GitHub Actions (CI/CD), AWS EC2, Nginx.

Recruitizy – AI-Powered Hiring and Candidate Screening Platform **GitHub**

- Developed an **AI-powered hiring platform** that automates candidate shortlisting through **resume–JD matching**.
- Built **threshold-based screening** that auto-emails results, with background jobs on **Celery** and **Redis**.
- **Tech Stack:** Next.js, TypeScript, FastAPI, Python, Celery, Redis, PostgreSQL, JWT.
- **DevOps:** Docker, GitHub Actions (CI/CD).

PhisX – Chrome Extension for Phishing URL Detection **GitHub**

- Developed a **Chrome extension** that blocks **phishing URLs in real time** using a **Logistic Regression** model (**91% accuracy**) served via a **Flask REST API**.
- **Tech Stack:** Python, Flask, React.js, TypeScript, Tailwind CSS.
- **DevOps:** Docker, GitHub Actions (CI/CD).

Education

Keshav Memorial Engineering College **8.09 CGPA**
Bachelor of Engineering in Computer Science Engineering *2021 – 2025*

Achievements

Smart India Hackathon – 2023 **December 2023**
Finalist – Conducted by the Government of India

- Built ReSculpt, a waste-upcycling app using Flutter and Firebase, and reached the national finals.