Gyanavardhan Mamidisetti

✉ gyanavardhanmamidisetti@gmail.com | 📱 +91 8886053548 ⬡ github | 🔗 linkedin 🌐 Portfolio

Education

Aditya college of engineering   **Nov 2021 - June 2025**
B.Tech in Computer Science (IOT) | Course Link   *GPA: 8.09/10*

Experience

Hyperverge   July. 2025 – Present
Software Developer Intern   *React, Node.js, Nest.js, Express.js, Webhooks, Docker, Terraform, AWS Cloud*

- Led efforts in building, developing, and releasing a Video KYC system across complex environments.
- Resolved frontend, backend, deployment, and infrastructure-related issues to ensure smooth operations.
- Investigated and debugged support queries by analyzing issues and delivering effective fixes.

Hyperverge   Jan. 2025 – July. 2025
Low Code Developer   *HTML, CSS, JavaScript, JSON, Web Components, Metabase, SQL*

- Designed and developed workflows and super modules using HTML, CSS, JavaScript, and custom Web Components.
- Designed 10+ dynamic business dashboards in Metabase, improving 30% through real-time KPI tracking.

Projects

PYRO (Predictive Maintenance and Risk Operations)   *React, Node.js, Express.js, Flask, MongoDB, Microsoft Azure*

- Engineered a predictive maintenance system with 95% accuracy improvement using Azure ML and Flask API.
- Designed a responsive React frontend, boosting user engagement by 35% with an intuitive interface.
- Developed a Node.js backend, reducing response time by 60% and ensuring scalability.

City Sphere   *React, Node.js, Express.js Postgresql, Google Maps API, Google Vision API, Gemini API*

- Designed a GenAI-based urban planning system that reduced citizen feedback processing time by 60%.
- Utilized Google Maps and Vision APIs to assess footpath quality through computer vision and citizen feedback.
- Refactored script loading architecture, cutting redundant Google Maps API calls by 66%, improving app load time.

WELLBEE   *React, Node.js, Express.js, Fastapi, Postgresql, Socket.io, Tailwindcss, Microservice, D3.js*

- Developed a comprehensive health platform integrating mental and physical wellness features.
- Improved emotion analysis API latency by 40% after migrating from Flask to FastAPI.
- Integrated Spotify Recommendation API to generate mood-based playlists, increasing user engagement time by 35%.
- Implemented real-time communication with Socket.io, reducing feedback loop time for users by 50%.

Skills

Technical skills:

    Languages : Python,Java,C,Javascript,SQL.
    Web Tech Stack : React.js,Node.js,Express.js,Mongodb,Jest,Prisma,React native.
    Tech Proficiency : Git,Docker,Kubernetes,Jenkins,Prometheus,Grafana,Azure, Metabase.

Certifications:

- Google Associate Cloud Engineer.
- Microsoft Azure Administrator.
- IT specialist Python.

Achievements

- **Attended Amazon ML school 2023 & 2024**
- **Achieved Amazon AI-ML Scholarship Program in 2023**
- **Won CodeQuest 12.0-Mern Stack Developer Challenge by LetsUpgrade 2024**