Mohana Vamsi Gangisetti|

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TECHNICAL SKILLS

Languages: Python, JavaScript (Node.js), Java
Frontend: React, React Native, Next.js, Svelte
Backend: Node.js, Express, FastAPI, Spring Boot, WebSockets
Databases: MongoDB, MySQL, DynamoDB, AWS Aurora (RDS)
Infra & Tools: AWS, Docker, Redis, GraphQL, GCP, Linux

PERSONAL STATEMENT

Backend-focused software engineer experienced in designing and deploying scalable APIs, real-time systems, and cloud-native services. Strong in Node.js, databases, and AWS, with hands-on experience optimizing latency, reliability, and data pipelines in production environments.

EXPERIENCE

Xavir AI | Software Development Engineer Intern   FEB 25 – OCT 25

- Built and optimized backend microservices that processed AI inference data pipelines using Node.js, Express and MongoDB.
- Built a SERP service and large-scale ETL pipelines using AWS.
- Designed microservices for data ingestion, transformation, and storage.
- Strong experience with AWS (EC2, S3, RDS, DynamoDB, ECR, AWS Batch) and MLflow-based MLOps.

PROJECTS

Hospo | github.com/mohanavamsi0614/hospo   AUG 24 – AUG 24

- Developed a full-stack telemedicine platform enabling online consultations, hospital registrations, and digital prescriptions with secure real-time video calling.
- Implemented real-time video calling using WebRTC, overcoming challenges in stream synchronization and healthcare data security.

Dasho | Hackathon Management Platform

- Built a platform to manage hackathons and college events end-to-end, replacing manual, paper-based workflows.
- Created modules for registration, team dashboards, attendance, and automated scoring.
- Deployed scalable backend APIs using Node.js, Express, and MySQL on AWS.

Arya (Freelance) | Restaurant Management System | aryarestaurant.co.uk

- Developed a full-stack restaurant application enabling users to browse menus, order food, and reserve tables seamlessly.
- Integrated secure payment gateway (Stripe) and real-time order status tracking using Firebase.
- Designed a scalable backend architecture using Node.js, Express, and MongoDB for high performance

EDUCATION ENROLLMENT

Kalvium's UG program in CS (Software Product Engineering)   2023-27

Campus: srivaliputhur | Bachelor's enrollment: B.Tech, Kalaslingam University

ACHIEVEMENTS & EXTRACURRICULARS

Coding Blocks KARE : Started as a **Web Developer**, built a **digital hackathon management platform** replacing all manual, paper-based event workflows.

- The platform handled **registrations, attendance, team dashboards, and scoring**, making events fully automated.

- Promoted to **Web Lead** for strong technical delivery, later became **Vice President**, leading club operations and mentoring juniors

College Club Leadership:

- **Vice President** — Kalvium Coding Club (leading hackathons and tech sessions).
- **Technical Lead** — Vishaka Dancing Club (managed digital infrastructure and event coordination).
- Organized multiple college-level tech and cultural events improving participation and digital workflow.

Freelance Projects: Delivered production-grade freelance apps like **Arya**, a restaurant ordering and table reservation platform, enhancing client operations and digital reach.