Charan M

https://github.com/charan-crafts

mangalacharan27@gmail.com **|** 91+9182874288 https://linkedin.com/thecharan

ABOUT ME

MCA graduate with strong expertise in full-stack development, DevOps integration, and cloud deployment. Experienced in building AI-powered platforms, automation tools, and scalable applications. Skilled in problem-solving, modern frameworks, and delivering efficient solutions.

WORK EXPERIENCE

Hysteresis Pvt. Ltd | Software Development Intern | Mar -Sep 2025

- I have built full-stack platforms and an Interview Bot to assist students in learning and interview preparation, simulating both technical and HR interviews, including company-specific Versant rounds.
- Developed a complete Hackathon Platform with dynamic rounds, notifications, and team collaboration features.
- Integrated AWS S3 for file storage and EC2 for deployment across projects.
- Utilized LangChain, n8n, and Docker to build robust automation and conversational systems.

Project

E-Commerce Microservices Project

Technologies: Spring Boot, Spring Cloud, Netflix Eureka, Spring Cloud Gateway, Keycloak, Kafka, WebClient, Prometheus, Grafana, Docker

Description:

Developed a scalable E-Commerce application based on microservices architecture with three core modules – Product Service, Order Service, and Inventory Service. Implemented synchronous communication using Spring WebClient and asynchronous communication using Apache Kafka for event-driven processing. Configured Netflix Eureka for service discovery and Spring Cloud Gateway for unified API routing. Secured all microservices using Keycloak (OAuth2 and OpenID Connect). Integrated Resilience4j for circuit breaking and fault tolerance, and enabled distributed tracing with Zipkin. Dockerized all services and set up monitoring and visualization dashboards using Prometheus and Grafana for real-time performance insights.

SKILLS

- Programming: Python, Java ,JavaScript
- Web Development: MERN ,Spring Boot
- Cloud & DevOps: AWS (EC2, S3, Docker), Jenkins, Linux
- Data Structures & Algorithms: Problem Solving using Java (LeetCode: [90+])
- Monitoring Tools: Prometheus, Grafan
- Tools: Git, GitHub
- AI/Automation Frameworks: LangChain, n8n, OpenAI APIs.

Education

- MCA | Madanapalle Institute of Technology and Science | JNTUA University | CGPA:8.5 | 2025
- B.Sc. (MECs) | Government Degree College, Guntakal |S.K.University |CGPA: 7.5 | 2023