


ENUKONDA ABHIRAM REDDY

abhiramreddye@outlook.com |  abhiramreddye |  abhiramreddy59 | 8074840426

Experience

Software Engineering Virtual Experience

JPMorgan Chase & Co. (Forage)

Apr 2025 - Jun 2025

- Built a backend system using Spring Boot, Kafka, and H2 across 5 simulation tasks.
- Implemented Kafka listeners, REST APIs, JPA-based DB operations, and integrated an external Incentive API.

SDE - Intern

Elevatebox

Jul 2024 - Dec 2024

- Developed scalable backend systems and RESTful APIs using Java, enhancing data processing efficiency and system performance.
- Built full-stack applications with React, Node.js, and SQL/NoSQL databases, collaborating in Agile teams to optimize features and improve user experience.

AWS Trainee

ICT Academy

Sept 2024

- Gained hands-on experience with AWS services like EC2, S3, RDS, and Lambda for deployment and scalability.
- Designed secure, cost-efficient cloud architectures using AWS best practices.

Gen AI Intern

Sangam Solutions

Jun 2024 - Jul 2024

- Built an AI-powered chatbot integrated with Salesforce to improve customer engagement.
- Automated workflows using Workato, reducing manual tasks by 15%.

Full Stack Web Developer Intern

Pantech Solutions

Apr 2024 - Jul 2024

- Designed and implemented an API for data aggregation, enhancing accessibility by 20%, and integrated third-party services for improved functionality.
- Optimized application scalability and reliability using microservices architecture, CI/CD pipelines, and automated testing, reducing deployment time by 50% and defects by 30%.

Projects

- Smart Summarizer – AI for YouTube Videos:** Built an AI-powered YouTube video summarizer using Groq AI, Ollama, and LangChain, leveraging LLM-based NLP for accurate and concise content extraction.
- QR Code Attendance System:** Developed an automated attendance system using QR code scanning, enabling seamless, real-time check-ins with secure database integration.
- Bidirectional Load Balancing in Kubernetes (Research Paper – ICCIML):** Researched and proposed bidirectional load balancing strategies in Kubernetes, optimizing resource allocation and reducing latency in distributed environments.
- AI-Driven Smart Irrigation System:** Designed an AI-powered irrigation system that analyzes real-time environmental data to optimize water usage, enhancing crop yield and sustainability.

Skills

- Programming:** Java, Python, C, C++
- Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js
- Databases:** MongoDB, PostgreSQL, MySQL
- Automation & AI:** Generative AI, NLP, Chatbot Integration
- DevOps & Cloud:** Docker, Kubernetes, AWS (EC2, S3, Lambda, RDS)
- Testing & CI/CD:** Selenium, Jest, Jenkins, GitHub Actions
- Tools & Platforms:** Salesforce, Workato, REST APIs

Certifications

- AWS Solutions Architect
- Full Stack Web Development – Pantech Solutions
- Haptic control of Robotic Devices
- GEN-AI Hackathon
- Software Engineering Job Simulation
- Smart India Hackathon
- chatgpt-masterclass
- Java Development Intern – Cognifyz Technologies
- website-building-mastery
- Front End Development Libraries

Education

Bachelor of Technology

2021 - 2025

NNRG College of Engineering

Computer Science Engineering (CSE) | CGPA: 8.6

- Active leader in college, managing student initiatives and academic activities.
- Served as Events Head, organizing and coordinating various technical and cultural events