

Meda Shabarish – DevOps Engineer

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Aspiring DevOps Engineer with over 1.9+ years driving innovation through hands-on application development using Python, Kubernetes, Docker, and implementing scalable CI/CD Pipelines. Proficient in applying security practices for robust application delivery.

KEY SKILLS

Application Development | Containerization | Backend Engineering Deployment | Automation | Documentation | Agile Software Development | Communication | Analytical

TOOLS & TECHNOLOGIES

Scripting Languages: Python, Shell | **Database Management System:** PostgreSQL, MongoDB, SQL, AWS DynamoDB | **Container Platform:** Docker | **Architecture:** Microservices, Monolith | **Version Control:** Git, GitHub | **Platform:** DevOps, AWS Cloud, IAAS

PROFESSIONAL EXPERIENCE

Software Engineer | Tenzai Systems Remote, India | September 2023– Present

Application Development and Deployment, Software Engineering

- Developing and maintaining a **citation management system** for traffic enforcement agencies to manage violations and penalty collection.
- Created multiple **data pipelines** capable of managing image and video data from various sources (API, S3 buckets etc) loading the data to **AWS RDS**.
 - Boosted the stability and speed of data pipelines by **80%** reducing the processing time from **5 hours to 1 hour**.
- Designed and implemented the end to end DevOps Automation pipeline for the application.
- Orchestrated Kubernetes Pods in scalable **EKS clusters** to improve uptime by **99%**.
- Maintained **security** and robustness of the application with Private **ECR** registries and secrets manager.
- Maintaining **accurate documentation** of API integrations and deployment procedures.
- Utilizing **Python, Docker, Kubernetes, AWS MQ, Secrets manager** and **AWS RDS** for application development.

KEY PROJECTS EXECUTED

- Project:** A Real-time Scalable Application CI/CD pipeline on Jenkins with Github | **Duration:** April 2025– Present

Key Achievement: Successfully executed end-to-end project, related to integration and system design to manage infrastructure and orchestration using Kubernetes, Docker, terraform and Python to stream Devops Process.

CERTIFICATIONS

Kubernetes and Cloud Native Associate (KCNA) | The Linux Foundation | Certificate January 2025– January 2027

EDUCATION

- Bachelor of Technology – Computer Science and Engineering** | Santhiram Engineering College | 2019-2023 | 8.08 CGPA