Shrirang Joshi

B.Tech
Electronics Engineering
Yeshwantrao Chavan College of Engineering,Nagpur

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Yeshwantrao chavan college of Engineering,Nagpur	7.21	2018-22
Senior Secondary	Maharashtra state board	62.77%	2016
Secondary	Maharashtra state board	82.40%	2014

PROJECTS

- **ReactJS-Demo-Deployment**
  Self Project / Guvi   Reports
  – Successfully deployed a React application to a production-ready state using Docker, Jenkins, and AWS.
  – Implemented Git and Jenkins for version control, automated builds, and configured application health monitoring.

- **Three Tier Architecture**
  Self Project / Guvi   Reports
  – Implemented a scalable three-tier architecture with Terraform for optimal availability.
  – Configured and deployed applications on EC2 instances through user data scripts, ensuring efficient and reliable execution while maintaining seamless operations.

- **AutomatedSpringEKS: CI/CD Pipeline for Streamlined Development and Efficient Software Delivery**
  Self Project / Guvi   Reports
  – Successfully implemented a comprehensive CI/CD pipeline using Jenkins, automating the entire process of building, containerizing, and deploying Spring Boot microservices onto an AWS EKS (Elastic Kubernetes Service) cluster.
  – Led a project dedicated to optimizing the development lifecycle by prioritizing streamlined processes, enforcing rigorous code quality standards, and elevating the overall efficiency of software delivery.

- **FlaskifyOps**
  Self Project / Guvi   Reports
  – Spearheaded FlaskifyOps, a forward-thinking DevOps initiative, overseeing the seamless automation of build, test, and deployment workflows for Flask applications through Docker and Jenkins.
  – Prioritized code quality and streamlined software delivery efficiency by integrating Dockerfile and Jenkinsfile components, enabling containerization and deployment on an AWS EKS cluster. Implemented a resilient CI/CD pipeline for reliable and efficient software releases.

TECHNICAL SKILLS

- **Programming**: Python, C/C++
- **Scripting**: Bash , Python
- **Version control**: Git,Gitlab
- **Orchestration Tools**: Kubernetes, Aws EKS, Docker swarm
- **Containerization Tools**: Docker,podman
- **Cloud Platform**: AWS,Azure
- **Operating Systems**: Linux, Windows
- **Automation tools**: Jenkins
- **Other Skills** : SaaS, Industrial AI, Troubleshooting

KEY COURSES TAKEN

- **DevOps Foundations** : Introduction to DevOps Principles and Practices
- **Continuous Integration and Deployment** : Implementing CI/CD Pipelines for Efficient Software Delivery
- **Infrastructure as Code** : Automating Infrastructure Deployment with Tools like Terraform
- **Containerization and Orchestration** : Mastering Docker and Kubernetes for Scalable Applications
- **AWS Cloud Practitioner** : Foundational Knowledge for AWS Cloud Computing

ACHIEVEMENTS

- **Redhat Certified System Administration:**, Overcome challenges in implementing system administrations, Redhat
- **Participated in College fest Icon**, Participated as an event manager