Mahendravarma A

Address: Coimbatore Tamil Nadu

Phone: 9500214064

E-mail id: mahendravarma.sa@gmail.com

Linkedin : https://www.linkedin.com/in/mahendravarma-devops/

GitHub: https://github.com/Mahendravarma-DevOps

OBJECTIVE

Results-oriented **System Engineer** with 2 years of experience cloud infrastructure management, and automation. Proficient in designing, deploying, and maintaining CI/CD pipelines, leveraging AWS and Azure services, and optimizing Docker container environments. Seeking a challenging DevOps role to apply expertise in cloud technologies, automation, and continuous integration for driving operational excellence and innovation.

SKILLS

- Cloud Platform – Aws, Azure

- Cloud Services - AWS (EC2, ECR, Code Deploy, Code Commit, IAM, RDS, VPC, Load Balancer, Route53, Beanstalk, S3, EFS), Azure DevOps

- Containerization- Docker, Kubernetes.

- CI/CD Tools: Jenkins, GitLab CI/CD, AWS CodePipeline

- Monitoring & Security: Wazuh, Grafana, SonarQube, Trivy

- Configuration Management: Ansible

- Servers: Linux, Apache, Nginx.

- Version Control: Git, Bitbucket

- Database - Mongodb, MySQL, Sql.

- Networking - DNS, DHCP, Port Forwarding, IP Whitelisting.

- Automation: Bash, Yaml, Python.

- Control Panels: WHM, Cpanel

Professional Experience
System Engineer | G2 Technology Solutions India Pvt Ltd
June 2024 – Present

CI/CD & Full-Stack Deployment:

- Managed end-to-end **CI/CD pipelines** for full-stack and microservices-based applications using **Jenkins**, **GitLab CI/CD**, **Docker**, and **AWS**.
- Integrated CI/CD stages for **unit testing**, **Trivy scanning**, and **SonarQube** code analysis.
- Used **AWS CodeBuild** and **CodePipeline** to build, push Docker images to **ECR**, and deploy to **ECS Fargate**.
- **Technologies Used**: AWS (EC2, ECS, ECR, RDS, VPC, CodeCommit, CodePipeline), Docker, React JS, Node.js, MySQL.

Configuration Management & Automation:

- Authored and maintained **Ansible playbooks** for server provisioning and application deployments.

Monitoring & Security:

- Implemented monitoring solutions using Grafana for system performance metrics.
- Integrated SonarQube for code quality analysis and Trivy for container security scanning.
- Managed security detection and response using Wazuh SIEM.

System Administrator | Farazon Software
Technologies Pvt Ltd
June 2023 – June 2024

Web Application Deployment:

- Deployed Angular, Python Flask, and MongoDB applications on Cloud VPS servers with Nginx as the web server.
- Migrated legacy on premise applications to the cloud, enhancing reliability and reducing downtime.
- Configured MongoDB in Docker containers and set up replica sets for high availability.

Linux & Server Management:

- Managed servers with Nginx and Apache.
- Deployed PHP and MySQL projects on cPanel/WHM.

Projects:

- Deploy a CI/CD pipeline that builds, tests, and deploys web application to Kubernetes on AWS.

- Build a monitoring dashboard for Nginx servers using Prometheus + Grafana

- Write Terraform to spin up VPC, EC2, EKS, and host an app

- Automate web server setup with Ansible

Education

B.Sc. Information Technology
Sri Krishna Aditya College of Arts and Science, Coimbatore, India
2020 – 2023
CGPA: 7.1/10

Higher Secondary (HSC)
Kongu Vellalar Matriculation Higher Secondary School
Percentage: 65%

SSLC
Kongu Vellalar Matriculation Higher Secondary School
Percentage: 70%

Certifications

- **CompTIA Network+ (N10-008)** – Udemy
- **Linux Fundamentals** – GreatLearning
- **Sophos XG Firewall for Beginners** – Udemy
- **Sophos Central Endpoint Security EDR** – Udemy