SANJEEV R

DevOps Engineer

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PROFILE

DevOps Engineer with 1+ years of hands-on experience in automating and optimizing development and deployment workflows using tools like Jenkins, Docker, and Git. Skilled in managing CI/CD pipelines, deploying applications on AWS, and implementing configuration management with Ansible. Proficient in containerization and orchestration using Docker and Kubernetes, and in monitoring systems with tools such as Prometheus and Grafana. Adept at troubleshooting complex issues, maintaining scalable applications in production, and collaborating with cross-functional teams to improve system performance, security, and reliability.

SKILLS

Operating Systems: Linux (Ubuntu, Amazon Linux), Windows, macOS

Cloud Platforms: AWS, Azure (learning)

Version Control: Git, Bitbucket

CI/CD Tools: Jenkins, AWS CodePipeline

Networking & Security: VPC, Security Groups, IAM, VPN, Firewall

Automation: Ansible, Shell Scripting

Containerization: Docker, Kubernetes

Monitoring & Logging: Prometheus, Grafana, Nagios

Web Servers: Nginx, Apache

Web Hosting: Hostinger, GoDaddy

PROFESSIONAL EXPERIENCE

EZIO SOLUTIONS

Junior DevOps Engineer   **Sep 2024 - Present**

- Spearheaded the management of cloud infrastructure and automation using AWS services, ensuring scalability, security, and cost efficiency.
- Managed source control systems (Git/Bitbucket) to streamline version control and collaboration.
- Configured and maintained Jenkins CI/CD pipelines, improving the speed and reliability of deployments.
- Implemented Docker-based containerization to streamline deployments and reduce downtime.
- Increased deployment efficiency across environments by integrating automated Jenkins pipelines.

INFINIJITH APPS AND TECHNOLOGIES   **JAN 2024 - AUG 2024**
DevOps Intern

- Containerized 2+ development and staging applications using Docker, reducing setup time and eliminating environment-specific bugs during onboarding
- Developed Git-based Jenkins pipelines to automate Docker deployments, reducing configuration issues by 40% and accelerating delivery cycles across development environments.

PROJECTS

Plexusehr Referral Application Deployment

- Designed and deployed a scalable referral application within a custom AWS VPC, ensuring network isolation, security group control, and private subnets for backend services.
- Containerized the application using Docker, enabling environment consistency and simplified deployment across dev, staging, and production.
- Built a fully automated CI/CD pipeline using AWS CodePipeline, integrating CodeBuild and CodeDeploy for seamless source-to-production workflows.
- Implemented data security best practices by encrypting EBS volumes and S3 buckets using AWS KMS, ensuring compliance and secure storage.

Miniwee Application Deployment

- Deployed the Miniwee shopping application on AWS Lightsail by implementing a custom Jenkins CI/CD pipeline, automating source code retrieval, build, testing, and deployment workflows.
- Used Docker to containerize application components, improving environment parity, reducing manual setup, and simplifying deployment across multiple instances.

Web Hosting Applications

- Deployed and managed client websites on Hostinger, handling domain mapping, custom name server configuration, DNS records, SSL certificate integration, business-email setup, and routine maintenance to ensure security, uptime, and performance.

Projects include:

- littleapple.in
- sriradhaatextiles.com
- axorhelmetsmalaysia.com
- chamundiinfra.com
- udhayakrishnaghee.com

AI Applications Deployment – AWS EC2

- Deployed AI-based web apps using Docker on AWS EC2, managed DNS setup, reverse proxy (Nginx), and SSL configuration for secure communication.
- aiassistance.eziosolutions.com
- tryonx.eziosolutions.com
- healthcareaiassistance.eziosolutions.com

EDUCATION

Barathidasan University
Master's Degree in Information Technology
2023 – 2025

Karpagam University
Bachelor's Degree in Information Technology
2020 – 2023

CERTIFICATIONS

CLOUD AND DEVOPS PROGRAM

Edureka Learning Center

PGDCA

Gurukulam Computers Education