MIJEWEL JOSE

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Summary

DevOps / Cloud Engineer with 2 years of experience in Linux system administration, AWS infrastructure, CI/CD automation, and Infrastructure as Code (IaC). Skilled in AWS, Terraform, Ansible, Docker, Kubernetes, and GitLab CI/CD. Experienced in production server management, deployment automation, monitoring, networking, SSL/TLS, troubleshooting, and infrastructure security.

Skills

- AWS (EC2, VPC, IAM, S3,ELB,)
- GitLab CI/CD & Git
- Docker & Docker compose
- Linux System Administration
- Terraform (Infrastructure as Code)
- Ansible (configuration management)
- Grafana & Prometheus
- Bash/Shell Scripting
- Nginx, Apache, HAProxy & SSL
- MySQL & MariaDB
- cPanel & WHM

Experience

System Administrator | Zoondia Software Pvt Ltd, Trivandrum **03/2025 – Current**

- Design, maintain, and troubleshoot GitLab CI/CD pipelines to automate application builds, deployments, and release workflows.
- Automate infrastructure provisioning and configuration management using Terraform, Ansible, and Bash/Shell scripting.
- Manage AWS cloud infrastructure, including EC2, S3, VPC, IAM, Auto Scaling, and Elastic Load Balancing.
- Build, deploy, and manage containerized applications using Docker and Docker Compose, supporting application deployment and maintenance.
- Administer Linux production servers, managing users, permissions, packages, processes, services, filesystems, LVM, cron jobs, logs, and system performance.
- Configure and maintain Nginx, Apache, and HAProxy for virtual hosting, reverse proxying, SSL/TLS, and application load balancing.
- Implement infrastructure monitoring and alerting using Prometheus and Grafana to identify and troubleshoot server and application issues.
- Configure and manage pfSense firewalls, NAT, VPN, and network security policies to maintain secure connectivity.
- Perform production troubleshooting, backup and recovery operations, security hardening, and infrastructure maintenance.
- Collaborate with development teams to support application deployments, resolve infrastructure issues, and maintain production environments.

DevOps Trainee | Sudoskills, Kochi **07/2024 – 03/2025**

- Performed Linux system administration, including user and group management, permissions, package management, process monitoring, filesystem management, and Bash scripting.
- Managed Linux partitions, filesystems, Logical Volume Management (LVM), disk utilization, and routine server maintenance.
- Deployed and maintained web applications using Nginx and Apache, configuring virtual hosts, reverse proxies, and SSL/TLS certificates.
- Configured Nginx load balancing to support application availability and traffic distribution.
- Worked with AWS services, including EC2, VPC, Auto Scaling, and Elastic Load Balancing, to support cloud infrastructure and application deployments.
- Developed and maintained GitLab CI/CD pipelines for automated application builds and deployments, using Git and Jenkins for version control and deployment workflows.
- Performed server monitoring, log management, troubleshooting, and cron-based task automation to maintain system reliability.

Projects

Commit-to-Production Delivery Pipeline

- Technologies: GitLab CI/CD, Docker, Docker Compose, Nginx, Bash, Linux
- Designed and implemented automated GitLab CI/CD pipelines for application build, deployment, and release workflows.
- Integrated Docker and Docker Compose to automate container image builds and application deployments on Linux servers.
- Implemented Git-based branch protection and controlled release workflows.
- Configured Nginx as a reverse proxy with SSL/TLS to securely expose deployed applications.

. **Highly Available AWS Platform – Infrastructure as Code**

- Technologies: AWS, Terraform, Ansible, EC2, VPC, ELB, IAM, S3, Prometheus, Grafana
- Designed AWS infrastructure using Terraform, including VPC, EC2 instances, Auto Scaling, and Elastic Load Balancing.
- Automated server configuration and application setup using Ansible.
- Configured IAM policies and security controls to manage infrastructure access.
- Implemented automated backup workflows using Amazon S3.
- Integrated Prometheus and Grafana for infrastructure monitoring, metrics visualization, and alerting.

Education

- Bachelor of Technology, Computer Science Engineering
  Kerala Technical University (2020-2024)