AWS/DevOps & SRE Engineer

Nagaveni Nulkar

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Professional Summary

AWS/DevOps and SRE Engineer with 4.3+ years of experience in automating CI/CD pipelines using Jenkins, Git, and Maven. Skilled in implementing Infrastructure as Code (IaC) with Terraform and Ansible, and proficient in containerization and orchestration using Docker and Kubernetes. Experienced in managing AWS services including EC2, S3, IAM, VPC, and CloudWatch to build scalable and secure environments. Strong in Linux, Python, and Shell scripting, with a passion for delivering efficient cloud solutions.

Educational Details

• Bachelor of Engineering (B.E) – 2021, Belagavi University.

Professional Experience:

➢ Working as AWS DevOps & SRE Engineer in **Capgemini** at Bangalore from July 2024 – Prasent

➢ Worked at **DXC Technology Pvt Ltd**, Bangalore from November 2021 to June 2024.

Technical Skills:

Version Control Tools	Git, GitHub, Subversion
Build Tools	Maven, Gradle
Continuous Integration	Jenkins, GitHub-Actions, Gitlab-CI
Containerization	Docker, Kubernetes
IAC	Terraform
Configuration Management	Ansible Tower and Ansible Playbook
Scripting Languages	Shell Scripting, Python and Groovy Scripting
Operating System	Linux, Ubuntu, CentOS, Windows
Cloud Technologies	Amazon Web Services and Azure
Monitoring	Prometheus, Grafana, New Relic, Splunk
Ticketing Tool	JIRA

PROJECT 3: Spencer's E-Commerce
Client: Spencer's E-Commerce

Role: AWS DEVOPS/SRE ENGINEER

Roles and Responsibilities:

- Managed DNS configurations, SSL certificates, and load balancers to ensure secure and highly available applications.
- Implemented auto-scaling and load-balancing strategies to optimize performance and cost efficiency in production environments.
- Performed root cause analysis (RCA) for production incidents and implemented preventive measures to minimize downtime.
- Maintained and optimized CI/CD pipelines for multi-environment deployments (Dev, QA, Prod).
- Monitored resource utilization and optimized AWS costs using CloudWatch metrics and cost management tools.
- Managed Linux-based servers for patching, log monitoring, and performance tuning.
- Created and maintained Infrastructure as Code (IaC) templates for consistent cloud resource provisioning.
- Integrated version control workflows using Git for collaboration and efficient code management.
- Ensured high availability and fault tolerance through backup, disaster recovery, and failover configurations.
- Documented all deployments, configurations, and troubleshooting procedures for future reference and audits.
- Developed and maintained Ansible playbooks and roles for automated configuration management and application deployments across environments.
- Debugged and resolved Ansible playbook issues including YAML syntax errors, variable conflicts, and module execution failures.
- Used Ansible Tower (AWX) to manage inventories, credentials, and job executions, and reused roles from Ansible Galaxy for automation.

PROJECT 2: Application Support Engineer
Client: London Market (UK/US)

Role: Support Engineer

Roles and Responsibilities:

- Provide guidance and direction to users of the change and release management processes whenever needed.
- Plan, deploy, configure, and document issues related to server deployments.

- Provide support for all services across development, testing, and production environments.
- Continuously monitor applications and systems to ensure optimal performance using monitoring tools.
- Respond to incidents, diagnose root causes, and ensure quick resolution of production issues.
- Implement automated deployment pipelines in Jenkins to streamline build and release processes.
- Use Docker and Kubernetes for containerization and orchestration of microservices.
- Develop Infrastructure as Code (IaC) using Terraform for automated provisioning and management of cloud resources.
- Configure proactive monitoring and alerting through Prometheus, Grafana, and CloudWatch.
- Maintain detailed release documentation, RCA reports, and deployment records for better visibility and process improvement.

PROJECT 1: IPCS
Client: HPE (Hewlett Packard Enterprise)

Role: DEVOPS ENGINEER

Roles and Responsibilities:

- Implemented CI/CD pipelines in Jenkins using Groovy scripts, automating build, test, and deployment processes to improve efficiency and reliability.
- Monitored and maintained production systems using Prometheus, Grafana, and CloudWatch to ensure high availability and optimal performance.
- Designed and managed Kubernetes clusters, automating deployment, scaling, and rolling updates for containerized applications.
- Utilized Docker for containerization, enabling consistent development, testing, and production environments.
- Developed and maintained Infrastructure as Code (IaC) using Terraform to automate cloud infrastructure provisioning and management.
- Implemented alerting and incident response mechanisms, reducing downtime and improving mean time to recovery (MTTR).
- Ensured system reliability and fault tolerance by configuring load balancers, auto-scaling groups, and backup recovery strategies.
- Managed Linux-based servers, performing regular maintenance, patching, and troubleshooting for performance optimization.
- Collaborated with development teams to improve application performance, deployment automation, and infrastructure scalability.
- Maintained detailed release documentation and change logs to ensure smooth deployments and cross-team communication.

- Developed and supported Java-based applications, working with core Java concepts, object-oriented programming, and application debugging in production and non-production environments.
- Used Groovy scripting extensively in Jenkins pipelines to automate build, test, and deployment workflows, improving CI/CD efficiency and reducing manual effort.
- Collaborated with DevOps and application teams to integrate Java applications with CI/CD pipelines, enabling automated builds, artifact management, and environment-wise deployments.
- Designed and maintained CI/CD pipelines to automate build and deployment processes, improving release efficiency and reducing manual errors.
- Automated cloud infrastructure provisioning and application deployments using Terraform and cloud services.
- Used Python scripting for automation, monitoring support, and operational tasks within the DevOps workflow.

CERTIFICATIONS:

Azure AZ-900
Azure AZ-204