SANKET AUTADE

DevOps Engineer

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Profile Summary

DevOps Engineer with 4 years of total IT experience and 3.8 years of relevant experience in AWS DevOps, specializing in Linux-based infrastructure, configuration management, and CI/CD automation. Strong expertise in Linux system administration, Puppet-based configuration management, and cloud-native DevOps practices. Proven ability to manage large-scale production environments, automate server and cloud configurations, ensure system reliability and stability, and troubleshoot complex deployment and infrastructure issues in enterprise environments.

Work Experience

Software Engineer | Tech Mahindra, Pune, India   Dec 2021 – Present
Project: American Telephone and Telegraph (ATT) NISE-Core.

- Spearheaded DevOps implementation on AWS and Kubernetes using Terraform for Infrastructure as Code (IaC).
- Designed and deployed containerized microservices using Docker and Kubernetes, achieving 99.9% uptime and reducing downtime by 60%.
- Supported CI/CD workflows and gained exposure to AWS CodeCommit, CodeBuild, and CodePipeline alongside Jenkins.
- Implemented security best practices including IAM hardening, ACM certificate management, and basic vulnerability checks.
- Built and optimized CI/CD pipelines using Jenkins, GitHub, and SonarQube, reducing deployment time by 40%.
- Automated infrastructure provisioning using Terraform, Ansible, and Puppet, eliminating configuration drift.
- Developed and maintained Puppet manifests and modules for Linux systems.
- Performed Linux administration on Ubuntu, Amazon Linux, and RHEL (users, permissions, services, monitoring).
- Supported OS patching, kernel upgrades, and system hardening.
- Implemented monitoring using Prometheus and Grafana, reducing downtime incidents by 25%.
- Troubleshot CPU, memory, disk, network, and application issues.
- Worked on Kubernetes cluster troubleshooting and root cause analysis.
- Debugged CI/CD and deployment issues with Dev, QA, SysAdmin, and DBA teams.
- Participated in incident management and vulnerability remediation.
- Automated patch and release processes and maintained deployment trackers.
- Integrated configuration management with CI/CD pipelines for repeatable deployments.

Technical Skills

Cloud Platforms: AWS, Azure, GCP

AWS Services: EC2, EBS, S3, CloudFront, Route53, VPC, EKS, ECS, RDS, EFS, ALB, Lambda, CloudWatch, SQS, SNS, IAM

Containerization & Orchestration: Docker, Kubernetes, Helm

Source Code Management: Git, GitHub, Bitbucket

CI/CD Tools: Jenkins, GitLab CI/CD, AWS CodeCommit, AWS CodeBuild, AWS CodePipeline

Scripting & Automation: Python, Bash (Shell Scripting)

Infrastructure as Code: Terraform, Ansible, Puppet, AWS CDK

Operating Systems: Linux (Ubuntu, RHEL, Amazon Linux), System Administration, Patching, Hardening

Monitoring: Prometheus, Grafana, AWS CloudWatch, ELK Stack / OpenSearch (Basic)

Security: IAM, ACM, Security Audits, Vulnerability Assessment

Education

B.E. in Computer Engineering | SND COE, Nashik (SPPU, Pune)   June 2017 – July 2021
GPA: 9.6/10

Certifications

- AWS Certified Cloud Practitioner (CLF-C02)
- Google Professional Cloud Architect Certification (PCA)
- Microsoft Certified: Azure Fundamentals (AZ-900)

Awards

- **Bravo Award – Tech Mahindra** - Received for outstanding performance and contribution in AT&T Project.
- **Pat on the Back Award – Tech Mahindra** - Recognized for outstanding work and contributions in Source Code Management.