

ROHIT PATIL

AWS DevOps Engineer

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PROFESSIONAL SUMMARY

AWS DevOps Engineer with 7+ years of experience specializing in AWS cloud infrastructure, Linux administration, and DevOps automation. Proven track record in optimizing cloud environments, enhancing CI/CD pipelines, and ensuring high availability through scalable and reliable infrastructure management using DevOps tools.

SKILLS

- **Cloud:** AWS (EC2, IAM, S3, VPC, Route 53, ALB, Auto Scaling, Security Groups, CloudWatch, CloudTrail, AWS Systems Manager, DynamoDB, RDS, EC2 Launch Templates, API Gateway, Lambda, SNS, SQS).
- **DevOps Tools:** Git, GitOps, Jenkins, GitHub Actions, Terraform, Ansible, Maven, SonarQube, JFrog.
- **Containerization & Orchestration:** Docker, Kubernetes, Amazon ECS, Amazon EKS.
- **OS:** Linux (Ubuntu, RHEL), Windows.
- **Programming:** Python, Bash, Shell Scripting.
- **Monitoring Tools:** AWS CloudWatch, AWS CloudTrail, Grafana, Prometheus.

WORK EXPERIENCE

Cloud Engineer - Capgemini Technology Services India Limited

Mar 2023 – Present

- Provisioned and maintained AWS services including **EC2, IAM, Lambda, S3, Auto Scaling, Load Balancers, RDS, DynamoDB, CloudFront, API Gateway, Amazon Route 53, SNS, and SQS**.
- Reduced deployment time by 70% by designing and maintaining end-to-end **Jenkins CI/CD** pipelines, integrating **GitHub, Maven, SonarQube**, and **JFrog** Artifactory to accelerate software delivery.
- Designed and deployed containerized applications using **Docker, Kubernetes, Amazon ECR**, and **Amazon EKS**, enabling scalable, highly available, and automated application deployments through CI/CD pipelines.
- Automated cloud infrastructure provisioning using **Terraform**, reducing manual effort by 60%.
- Implemented **Blue-Green** deployment strategy on AWS, reducing deployment downtime by 95%.
- Created Amazon EC2 Launch Templates and Auto Scaling configurations for new application workloads.
- Implemented security best practices using IAM roles, policies, **VPCs, firewalls, private/public subnets, route tables, security groups, NACL, NAT** gateway, and **secret management** solutions, ensuring secure network access and least-privilege permissions.
- Monitored infrastructure health and performance using AWS **CloudWatch** and **CloudTrail**; created alarms, log metrics, and Slack notifications to proactively detect, alert, and resolve operational issues.
- Collaborated with development teams to manage production releases, streamline deployments, and resolve production issues, improving deployment efficiency by 30%.
- Designed and supported end-to-end data pipelines using AWS S3, **Lambda, SNS, SQS, RDS**, and **Amazon Comprehend** for large-scale text analytics and sentiment analysis.

Performance Management Engineer - TeamLease

Sep 2018 – Mar 2022

- Managed **Linux servers, VMs**, routers, and switches, improving system availability by 30% and reducing operational costs by 20% through proactive monitoring, maintenance, and capacity optimization.
- Performed **L2/L3** incident support, root cause analysis (RCA), and RCA documentation for production issues, improving system reliability by 30% while ensuring SLA compliance.
- Automated infrastructure operations using Python scripting and **Ansible** playbooks.
- Achieved 60% reduction in workload by implementing **Python** and Bash **scripting** for automation.
- Developed documentation for team that reduced errors by 68% in the first month of implementation.
- Maintained monitoring and alerting systems using tools like **Grafana** and **Prometheus**.

PROJECTS

Retail Infrastructure Engineer

Mar 2023 – Present

- Worked on an AWS-based AI/NLP analytics platform with Node.js UI and Java backend.
- Managed GitHub repositories and automated builds, deployments, and releases using Jenkins CI/CD pipelines.
- Developed serverless ETL pipelines using S3, Lambda, SNS, SQS, EventBridge, Amazon Comprehend, and RDS.
- Configured Route 53 DNS routing, ALB listeners, Target Groups, and Auto Scaling policies to optimize application performance and availability.
- Integrated Docker images with AWS Lambda to streamline serverless deployments.
- Implemented Bronze-Silver-Gold architecture for data cleansing, enrichment, sentiment analysis, and topic detection.
- Delivered customer sentiment insights and business reporting through Amazon QuickSight dashboards while supporting production applications on AWS.
- Optimized AWS infrastructure through resource rightsizing, Auto Scaling, and storage optimization, reducing cloud operational costs by 20%.

Performance Management System

Sep 2018 – Mar 2022

- Automated VM health and network device monitoring using Python scripts and API integrations, improving operational visibility and incident response.
- Provided L2/L3 support through ServiceNow, resolving incidents within SLA targets and ensuring service availability.
- Automated server patching and configuration management using Ansible, improving security compliance and operational efficiency.
- Developed Ansible playbooks for automated provisioning, patch deployment, and system configuration management.

CERTIFICATIONS AND ACHIEVEMENTS

- AWS Certified DevOps Engineer – Professional
- Rockstar Award - Recognized for excellent performance

Validity: Mar 2026 – Mar 2029

EDUCATION

- **Bachelor of Engineering - Computer Science** - Solapur University.

2016