

# ASHWINI SHINDE

## DevOps Engineer

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### Objective:

AWS Certified DevOps Engineer with **2+ years of experience** in cloud infrastructure management, automation, and CI/CD pipeline optimization. Proficient in AWS services, Infrastructure as Code (**Terraform**), and containerization (**Docker**, **Kubernetes**). Skilled in source code management using **GitHub** and monitoring with **Prometheus** and **Grafana**. Experienced in CI/CD tools such as **Jenkins**, **GitLab CI**, and **AWS CodePipeline** to enhance scalability, reliability, and operational efficiency. Seeking a challenging DevOps role to drive innovation and optimize cloud-based workflows.

### Professional Experience:

UNITED SYSTEC SOLUTIONS PRIVATE LIMITED

Bengaluru, Karnataka, India.

July-2023 present.

### Roles and Responsibilities:

#### CI/CD Pipeline Management

Integrated **Jenkins Pipelines** with version control systems, artifact repositories, and deployment tools. Automated build, test, and deployment processes using **Jenkinsfiles** (declarative and scripted). Optimized build performance and monitored job execution.

#### Containerization & Orchestration

Built, managed, and optimized **Docker** containers for development, testing, and production environments. Wrote multiple **Dockerfiles** to create lightweight, scalable images. Orchestrated containerized applications using **Kubernetes (EKS in AWS)**. Configured and managed **K8s** resources (pods, deployments, services, ingresses) for **microservices**.

#### Monitoring & Logging

Implemented **Prometheus & Grafana** for monitoring Kubernetes clusters. Configured logging and alerting solutions for performance monitoring. Used **JIRA** for bug tracking and project management.

#### Infrastructure Automation & Configuration Management

Wrote multiple **Ansible** Playbooks for infrastructure automation, configuration management, and application deployment. Authored **Terraform** scripts using modules, data sources, and providers for Cloud Infrastructure as Code (IaC).

#### Version Control & Code Quality

Administered **Git/GitHub** repositories, ensuring proper branching strategies, merging, and code reviews. Integrated **SonarQube** for automated code quality analysis and vulnerability detection in CI/CD pipelines.

#### Build & Deployment Management

Managed **Apache Maven** and **Docker** for project dependencies and build configurations. Integrated Maven & Docker with **CI/CD pipelines** for automated builds and relapplication eases.

#### Cloud Infrastructure (AWS)

Configured **VPC** peering and Transit Gateways for network connectivity between VPCs. Provisioned and attached **EBS** volumes to **EC2** instances, ensuring 100% backup and disaster recovery via EBS snapshots. Managed domain names and DNS records using **Route 53**, implementing various routing policies (geo-location,

failover, weighted, etc.).

Secured websites using SSL certificates via **AWS Certificate Manager** (ACM).

Configured **EC2** instances, selecting instance types, sizes, and AMIs based on needs.

Administered **IAM** policies and roles for over 15 users, ensuring controlled access to AWS services.

Stored objects in **S3** Buckets and managed relational databases using AWS **RDS** (MySQL, PostgreSQL, MariaDB, MongoDB).

### Security & Compliance

Configured Security Groups (**firewalls**) and Network Access Control Lists (**NACLs**) for network security.

Enforced **SELinux** policies for enhanced security on hosted servers.

Managed access permissions and user roles using IAM for secure authentication.

### Networking & Server Administration

Resolved Linux OS issues related to networking, volume partitions, and security policies across 25+ servers.

Experienced in **YUM/APT** package management and user role-based access control.

Managed API servers, **troubleshooting** issues related to HTTP, HTTPS, TCP, DHCP, NFS, FTP, SSH, etc. for smooth communication.

### Skills:

- ✓ **Version Control:** Git, GitHub and GitLab.
- ✓ **Containerization Tools:** Docker.
- ✓ **Container Orchestration:** Kubernetes.
- ✓ **Infrastructure as Code (IaC):** Terraform and CloudFormation.
- ✓ **Configuration Management:** Ansible.
- ✓ **Database Management:** MySQL, PostgreSQL, MariaDB and MongoDB.
- ✓ **CI/CD Pipelines:** Jenkins CI/CD.
- ✓ **Monitoring Tools:** Prometheus, Grafana and AWS CloudWatch.
- ✓ **Cloud Platforms:** AWS (IAM, EC2, S3, RDS, Route 53, VPC, EFS, EKS, CloudFront), Basics of Azure and GCP.
- ✓ **Linux Administration:** Ubuntu, CentOS and RHEL (System Configuration, Network Management, Shell Scripting) and VMware.
- ✓ **Network Management:** CCNA Tools.
- ✓ **Web Servers:** Nginx, Apache, API Server and HTTPD.
- ✓ **Scripting Languages:** HCL, YAML, Go, Groovy, Python, Bash and Shell scripts.

### Certifications:

**Certification Name :** AWS Certified Solutions Architect-Associate

**Credential URL:-**

[https://www.credly.com/badges/44102bd5-668d-4da6-a8fb-37dc632cf4e5/public\\_url](https://www.credly.com/badges/44102bd5-668d-4da6-a8fb-37dc632cf4e5/public_url)

**Validity:** 20 Jan 2025 to 20 Jan 2028

**Certification Name:** Python-AI.

### Personal Details:

**Education:** BCA

**Date of Birth:** 27 April 1999

**Languages:** English, Hindi & Marathi

**Hobbies:** Open Source Contributions, Learning New Technologies, Playing Chess.

