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.   August-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.
Orchestratedcontainerized 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
Wrotemultiple **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).

VersionControl & 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:
CertificationName : AWSCertifiedSolutionsArchitect-Associate
Crendential 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.