

SHANTANU VANARASE

DevOps Engineer

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Objective:

Highly motivated and skilled AWS Cloud, DevOps Engineer with a robust background in Linux administration to leverage my expertise in cloud technologies, DevOps methodologies and automation tools to drive efficient and scalable infrastructure solutions of SDLC. Committed to continuous improvement, innovation and delivering high-quality solutions in fast-paced environments.

Professional Experience:

HisanLab Pvt Ltd, Pune, India

Dec 2023 – Present

Roles and Responsibilities:

- Integrated **Jenkins Pipeline** with version control systems, artifact repositories and deployment tools. Monitored jobs and optimized build performance. Automated build, test and deployment processes using declarative or wrote scripted pipelines in **Jenkinsfile**.
- Built, managed and optimized **Docker** containers for development, testing and production environments. For Docker container I written multiple **Dockerfile**.
- Orchestrated containerized applications using **Kubernetes**. Ensured container security and compliance with best practices. Deployed, managed and scaled containerized applications in Kubernetes clusters. Configured and managed **K8s** resources such as pods, deployments, services and ingresses for microservices. Implemented monitoring, logging and alerting solutions for K8s Clusters I used **Prometheus and Grafana**.
- Administered version control systems and repositories. Collaborated with development teams to ensure proper branching, merging and code reviews. Executed branching strategies using **Git or GitHub**.
- Managed project dependencies and build configurations using **Apache Maven** and **Docker**, integrating them into CI/CD pipelines for automated builds and releases.
- Set up and configured **SonarQube** for code quality analysis and static code analysis. Integrated SonarQube with CI/CD pipelines to automate code quality checks. Analyzed code quality metrics, identified code smells, bugs and vulnerabilities.
- Administered **IAM** policies and roles for over 15 users, created and managed IAM users, groups, and roles to control access to AWS services efficiently.
- I wrote multiple **Ansible Playbooks** for Configured **EC2** instances for hosting applications and services. Configured instance types, sizes and AMIs based on application requirements.
- Configured **VPC** peering and transit gateways for network connectivity between VPCs. Provisioned and attached EBS volumes to EC2 instances for persistent block storage. Configured **EBS** snapshots for 100% backup and disaster recovery. For objects type of storage stored on **S3 Bucket**. Here I also familiar with **MySQL, PostgreSQL, MariaDB and MongoDB** which provided by **RDS**.
- Managed domain names and DNS records using **Route 53**. Set up **DNS** routing policies such as geolocation routing, failover routing, simple routing, weighted, etc.
- Resolved server issues with **Linux** OS, including Networking, Volume Partitions and more for over 25 servers, ensuring high availability and minimizing downtime throughout the **SDLC**.

Skills:

- ✓ **Version Control:** Git, GitHub, GitLab
- ✓ **Containerization Tools:** Docker
- ✓ **Container Orchestration:** Kubernetes
- ✓ **Infrastructure as Code (IaC):** Terraform, CloudFormation
- ✓ **Configuration Management:** Ansible
- ✓ **Database Management:** MySQL, PostgreSQL, MariaDB, 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 & GCP
- ✓ **Linux Administration:** Ubuntu, CentOS, RHEL (System Configuration, Network Management, Shell Scripting)
- ✓ **Network Management:** CCNA Tools
- ✓ **Web Servers:** Nginx, Apache, HTTPD
- ✓ **Scripting Languages:** Shell scripting, HCL, YAML, Go, Groovy, Python, Bash

Personal Details:

Date of Birth: 21 July 2003

Gender: Male

Marriage Status: Unmarried

Languages: English, Hindi & Marathi

Hobbies: Open-Source Contributions, Learning New Technologies, Playing Chess

Declaration:

I hereby confirm that the above furnished information is true and correct to the best of my knowledge and belief.

Place:

Date:

Signature

Shantanu Vanarase