

Shrikant Pawar

DevOps Engineer

AWS | Kubernetes | CI/CD | Docker | Terraform | Proxmox

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Summary

DevOps Engineer with hands-on experience managing production-grade **AWS infrastructure** and designing **scalable, highly available systems**. Proficient in building **end-to-end CI/CD pipelines** and implementing **zero-downtime deployments**. Skilled in **Docker, Terraform**, and monitoring tools like **Prometheus** and **CloudWatch**, with a strong focus on **automation, cost optimization**, and system reliability.

Experience

DevOps Engineer

June 2026 – Present

Vertoz , Mumbai

- Manage **on-premises virtualized infrastructure**, ensuring **high availability** and reliable operation of production environments.
- Deploy and configure **Proxmox VE** on physical nodes and provision **virtual machines (VMs)** for production workloads.
- Perform **VM migrations between data centers**, ensuring minimal downtime and seamless infrastructure transition.
- Manage **weekly database backups** to support data protection and recovery readiness.
- Monitor **servers, VMs, and infrastructure health using Zabbix**, proactively identifying and resolving performance issues.

DevOps Engineer

April 2025 – June 2026

e-InnoSec Advisory and Consulting, Thane

- Managed production-grade **AWS infrastructure (EC2, ALB, Auto Scaling, IAM, VPC)**, maintaining highly available and secure environments.
- Designed and implemented **CI/CD pipelines using GitHub Actions and Docker**, enabling automated and reliable deployments.
- Implemented monitoring and observability using **Prometheus, Grafana, CloudWatch, Fluent Bit, and OpenSearch**, improving incident detection and troubleshooting.
- Implemented **disaster recovery and automated backup workflows** using AWS Backup, EBS, S3, and cross-region replication.
- Managed centralized patching across development and production environments using **AWS Systems Manager (SSM) Patch Manager**.
- Automated server configuration using **Ansible** and provided production support for **Linux-based systems**.

Projects

CI/CD Pipeline with Docker and AWS

- Built end-to-end **CI/CD pipeline** for Node.js applications using **Docker** and **AWS EC2**
- Ensured environment consistency through immutable Docker images

Zero-Downtime Deployment (Blue-Green & Canary)

- Implemented **Blue-Green** and **Canary deployments** to achieve zero-downtime releases
- Integrated **AWS CloudWatch** alarms for automated rollback and monitoring

Kubernetes-Based Application Scaling (k3s)

- Deployed applications on lightweight **Kubernetes (k3s)** clusters
- Achieved scalability by managing **pods** and increasing **replica sets** based on load
- Improved application availability and resource utilization through container orchestration

Skills

Skills: AWS (EC2, S3, VPC, IAM, ALB, Auto Scaling, CloudWatch, SNS, Route 53, AWS Backup, SSM), Docker, Kubernetes, Helm, Terraform, Ansible, CI/CD (GitHub Actions), Linux, Networking (TCP/IP, Subnets, Routing), Prometheus, Grafana, Fluent Bit, Zabbix, OpenSearch, Git, Bash, JavaScript, MYSQL, PostgreSQL, MongoDB

Education

B.Tech in Information Technology

June 2021 – May 2025

A. P. Shah Institute of Technology, Thane

CGPA: 8.5