

TUSHAR PATOLE

DevOps Engineer | Mumbai, India

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CAREER SUMMARY

DevOps Engineer with 4 years of hands-on experience in automating, configuring, and maintaining IT infrastructure and cloud services. Adept at leveraging tools like **Docker, Kubernetes, Jenkins, Ansible, and Terraform** to streamline development lifecycles and improve system reliability. Proven track record of working with **AWS cloud infrastructure**, managing CI/CD pipelines, container orchestration, and cost optimization. A collaborative team player with deep technical expertise and a strong commitment to DevOps best practices.

PROFESSIONAL EXPERIENCE

Shyfbuddy India Pvt Ltd – DevOps Engineer | Mumbai, India

March 2025 – Present

- Led the end-to-end development, containerization, and deployment of 15+ microservices for a high-throughput logistics platform using **Amazon EKS and ECS Fargate**.
- Architected and implemented robust **observability** pipelines using Amazon **CloudWatch and Grafana**, enabling real-time monitoring, alerting, and rapid incident resolution.
- Automated infrastructure provisioning and application scaling using **Terraform** and infrastructure-as-code principles.
- Achieved a 40% reduction in container image storage costs by implementing automated cleanup workflows via AWS CLI and ECR lifecycle policies.
- Designed and maintained **CI/CD pipelines** using AWS CodeBuild, Jenkins, and GitHub Actions to orchestrate build, test, security scans, and production-grade deployments.
- Integrated **SonarQube** into the CI lifecycle to enforce static code analysis and secure code.
- Improved **system reliability** and availability with Kubernetes-native health checks, readiness/liveness probes, and automated self-healing mechanisms.
- Delivered seamless deployments with zero downtime using rolling updates and blue/green deployment strategies across **EKS and ECS** environments.
- Implemented GitOps-based Kubernetes deployment workflows using **Helm and ArgoCD** to enable declarative infrastructure and faster, auditable releases.
- Introduced **Prometheus**-based alerting integrated with **Grafana** for proactive system monitoring and incident detection.
- Designed and implemented an **asynchronous order processing pipeline** using **Amazon SQS** to handle **bulk order ingestion**, improving system scalability, fault tolerance, and throughput under high-load conditions.
- Collaborated on incident response and post-mortem analysis for production outages, driving system hardening and RCA-driven remediation.
- Implemented environment-specific CI/CD pipelines with staged deployments and integrated security scans, improving deployment reliability and reducing configuration drift across development, staging, and production environments.

- Designed and implemented **CI/CD pipelines** from scratch in AWS environments for efficient application deployment.
- Provisioned and managed infrastructure on AWS using **Terraform**, improving provisioning consistency and reducing manual errors.
- Administered **EKS clusters**, configured services, and ensured high availability of containerized applications.
- Managed EC2, S3, IAM roles, Route 53, and VPC configurations for scalable application environments.
- Supported cross-functional teams in release cycles and DevOps automation adoption.

TECHNICAL SKILLS

- **CI/CD Tools:** Jenkins, GitHub Actions
- **Containerization:** Docker, ECS (Fargate), ECR
- **Orchestration:** Kubernetes, Amazon EKS
- **Infrastructure as Code (IaC):** Terraform, CFT
- **Configuration Management:** Ansible
- **Monitoring & Logging:** Amazon CloudWatch, ELK Stack, Grafana, AWS CloudTrail
- **Cloud Services:** AWS (EC2, S3, RDS, IAM, VPC, Route 53, Auto Scaling Groups, CloudFront, Lambda, SNS, CloudFormation, Cost explorer, ECS, EKS, Lambda,SQS)
- **Source Control & Repositories:** Git, GitHub
- **Languages & Scripting:** Shell Scripting, YAML, Python
- **Build Tools:** Apache Maven
- **Databases:** MySQL, PostgreSQL (RDS & Aurora)
- **Security & Access Management:** AWS KMS, AWS Secrets Manager, S3 Bucket Policies, IAM Policies

EDUCATION

- **Bachelor of Technology (B.Tech)**
D.Y. Patil College of Engineering, Shivaji University, Kolhapur (2018 – 2022)

ACHIEVEMENTS

- **Hero of the Cluster** – Awarded at Stanvac Systems for consistent performance and exceeding delivery expectations.
- Achieved **30% reduction in database and compute costs** by implementing **Aurora Serverless v2** for auto-scaling workloads and **AWS Lambda** for on-demand serverless compute, eliminating idle capacity and aligning infrastructure with dynamic application demand.

HOBBIES & INTERESTS

Calisthenics | Chess | Listening to Music | Reading Technical Blogs