SAGAR BHOND
DevOps Engineer
Pune, India

Mobile: +91 7620529299
Email: sagar.bhond.devops@gmail.com
LinkedIn: sagar-bhond

Career Objective

Seeking a challenging technical position to leverage my experience in cloud computing, DevOps practices, and infrastructure management to enhance organizational efficiency and achieve business goals. Driven to bridge the gap between development velocity and operational excellence by creating seamless CI/CD pipelines that accelerate innovation while ensuring robust, secure infrastructure.

Professional Summary

- Results-driven DevOps Engineer with 3.3 years of experience in DevOps environments, specializing in end-to-end CI/CD pipeline automation, AWS cloud infrastructure management, and container orchestration (Docker, Kubernetes).
- Proven expertise in implementing Infrastructure as Code (Terraform) to build scalable, secure, and efficient systems.
- Hands-on experience deploying and operating AI-agent platforms (Model Context Protocol, A2A multi-agent systems) and event-driven backends built on Kafka and message queues, with database change management using Liquibase.
- Strong collaborator with development and operations teams, dedicated to optimizing deployment processes, enhancing system reliability, and driving continuous improvement through automation and DevOps best practices.

Areas of Exposure in DevOps

- **AWS Cloud Services:** Hands-on experience with EC2, S3, ECR, EKS, IAM, Load Balancer, Route 53, EBS, and CloudWatch.
- **Infrastructure Management:** Configured and managed EC2 instances, security groups, and IAM roles for secure, optimized access control.
- **Cloud Optimization:** Implemented cost-effective, scalable cloud solutions while maintaining high availability and performance.
- **CI/CD Pipelines:** Engineered end-to-end Jenkins pipelines, reducing deployment cycles by 40% and minimizing manual intervention.
- **Build & Release Automation:** Streamlined builds, integrated automated testing, and implemented automated deployments across multiple environments with rollback capabilities.
- **Containerization:** Developed, optimized, and maintained Docker images stored in AWS ECR with security scanning and version control.
- **Kubernetes:** Deployed and managed containerized applications with auto-scaling and self-healing capabilities.
- **Infrastructure as Code:** Built and managed cloud infrastructure with Terraform for version-controlled, repeatable environment provisioning.
- **Configuration Management:** Automated server configuration and application deployment using Ansible, reducing manual setup errors.
- **Security & Code Quality:** Integrated Trivy for vulnerability scanning of pipelines and container images; implemented SonarQube for continuous code quality inspection and technical debt management.
- **Monitoring & Logging:** Configured monitoring, logging, and alerting with AWS CloudWatch; deployed Prometheus, Grafana, and Loki for real-time metrics and log visualization.
- **Messaging & Event Streaming:** Worked with Apache Kafka (topics, producers, consumers, consumer groups) and message queues for asynchronous, event-driven communication between microservices.
- **AI Agents & MCP:** Deployed and operated AI-agent services that use the Model Context Protocol (MCP) to expose tools to LLM agents, with agent-to-agent (A2A) communication.
- **Database Change Management:** Version-controlled schema migrations with Liquibase (changelogs, changesets, rollback) for consistent database releases across environments.
- **Source Code Management:** Git workflows across GitHub and BitBucket; established code review and pull request processes.
- **Scripting & Automation:** Shell scripts for system administration, deployments, routine maintenance, backups, and system health checks.

Experience Summary

- Working as **DevOps Engineer** with **Config Server LLP** from Aug 2024 to Present.
- Worked as **System Engineer** with **Polymorphism Infotech** from Aug 2023 to Jul 2024.

Professional Experience

DevOps Engineer | Config Server LLP | Aug 2024 – Present

- Designed and implemented a scalable microservices architecture, deploying and managing containerized applications on Kubernetes to improve modularity, development velocity, and high availability.
- Configured and managed AWS services including EC2 and S3, applying best practices for security and data management.
- Developed and maintained Docker images and orchestrated containerized applications in Kubernetes, optimizing resource utilization and scalability.
- Automated infrastructure provisioning using Terraform, reducing configuration errors and ensuring repeatable deployments.
- Implemented monitoring with CloudWatch; working knowledge of Prometheus and Grafana dashboards for real-time insight into system performance and health.
- Worked on Kafka and message-queue based integrations for the Officers Pro and Shreeja AI products, and managed database schema changes with Liquibase.
- Collaborated with development teams to integrate CI/CD practices, improving code quality and accelerating release cycles by 50%.
- Troubleshot and resolved complex infrastructure issues, maintaining system stability and performance under high load.

System Engineer | Polymorphism Infotech | Aug 2023 – Jul 2024

- Linux/UNIX system administration, including performance tuning, security hardening, and troubleshooting complex system issues.
- Managed repositories on GitHub, implementing branching strategies and collaborative development practices.
- Designed, deployed, and managed AWS EC2 instances across various instance types for optimal performance and cost-efficiency.
- Applied Infrastructure as Code principles with Ansible to automate provisioning and configuration management for consistent, repeatable deployments.
- Deployed static web applications on EC2 with the Nginx web server, configured custom domains, and secured traffic with SSL/TLS certificates.

Projects

Shreeja AI | Multi-Agent HRMS Platform

Tech Stack: Java 21, Spring Boot, Google ADK, Gemini, MCP, A2A, MySQL, Kafka, Message Queue, Liquibase, Docker, Terraform, Prometheus, Grafana, Loki

- Built and deployed an AI-agent platform with an orchestrator agent that routes user intent to 16 specialist agents (Employee, Attendance, Payroll, Leave, HR, Recruitment, Compliance, Audit, Workflow, etc.) using the agent-to-agent (A2A) protocol.
- Exposed HR domain tools through a shared Model Context Protocol (MCP) server so each agent can discover and call only its allowlisted tools against MySQL-backed data.
- Secured the platform with JWT authentication at the orchestrator, so user identity is verified once and passed to downstream agents.
- Containerized every service with Docker and docker-compose, provisioned AWS infrastructure with Terraform, and set up Prometheus, Grafana, and Loki dashboards for metrics and logs.
- Worked on Kafka and message-queue based asynchronous messaging between services, and used Liquibase for versioned database schema migrations.

Officers Pro | Event-Driven Enterprise Platform

Tech Stack: Kafka, Message Queue, Liquibase, Docker, Kubernetes, AWS, Jenkins

- Worked on event-driven integration using Apache Kafka and message queues for reliable, asynchronous communication between microservices.
- Managed database schema versioning with Liquibase changelogs so migrations run automatically and consistently in every environment through the CI/CD pipeline.
- Containerized services with Docker and deployed them on AWS and Kubernetes through Jenkins pipelines, with monitoring and alerting for production workloads.

Educational Qualification

- **Bachelor of Computer Applications** from H.V.P.M Sant Gadge Baba Amravati University, 2023.

Certifications

- **In Progress:** AWS Certified Cloud Practitioner
- **In Progress:** Oracle Cloud Infrastructure 2025 Certified DevOps Professional

Technical Expertise

Cloud Platform	AWS (EC2, S3, ECR, EKS, IAM, Load Balancer, Route 53, EBS, CloudWatch)
CI/CD	Jenkins
Containers & Orchestration	Docker, Kubernetes, AWS ECR
IaC & Configuration Mgmt	Terraform, Ansible
Messaging & Streaming	Apache Kafka, Message Queues (IBM MQ)
AI & Agents	AI Agents, Model Context Protocol (MCP), A2A, Google ADK, Gemini
Database & Migration	Liquibase, MySQL, PostgreSQL
Security & Code Quality	Trivy, SonarQube
Monitoring & Logging	AWS CloudWatch, Prometheus, Grafana, Loki
Source Control	Git, GitHub, BitBucket
Scripting	Shell scripting
Web Server	Nginx with SSL/TLS
Operating System	Linux / UNIX

Personal Information

- **Languages:** English, Hindi, Marathi
- **Hobbies:** Travelling, trading, cricket

Declaration

I hereby declare that the information provided above is true to the best of my knowledge.

Place: Pune **(Sagar Bhond)**