

SHUBHAM SINGH

DevOps / DevSecOps Engineer

+91 9115240530 | shubham.devops@outlook.com | New Delhi | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

DevOps / DevSecOps Engineer with **3.5+ years** of hands-on experience in designing scalable **CI/CD pipelines**, automating cloud infrastructure, and building **distributed systems**. Proficient in **AWS, Kubernetes, Docker, Ansible, and Terraform**, with a strong track record of improving deployment, system reliability, and operational efficiency. Currently building distributed infrastructure **automation platforms**, bringing deep expertise in task orchestration, container lifecycle management, and multi-server provisioning. Holds **AWS SAA-C03 and AWS SOA-C02** certifications.

CORE SKILLS

Cloud Platforms: AWS (EC2, S3, RDS, IAM, VPC, CloudWatch, Lambda)

Containerization & Orchestration: Docker, Kubernetes

CI/CD: Jenkins, GitLab CI/CD

Infrastructure as Code: Terraform, Ansible

Distributed Systems: RabbitMQ, Async Task Orchestration

Version Control: Git, GitHub

Monitoring & Observability: Prometheus, Grafana

Scripting: Python, Bash/Shell

ITSM Tool: ServiceNow

Operating Systems: Linux, Windows

WORK EXPERIENCE

ALLY WIRED SOFT SOLUTIONS

Dec 2025 - Present

DevSecOps Engineer

New Delhi

- Designed and built a distributed **automation platform** for executing isolated workloads using virtual environments, enabling scalable and repeatable execution workflows.
- Developed **end-to-end workflow automation** covering VM provisioning, execution orchestration, artifact collection, and API-driven reporting.
- Implemented infrastructure automation using **Ansible**, creating reusable, configuration-driven playbooks for provisioning and migrating environments across multiple servers.
- Containerized workloads using **Docker** and **Docker Compose**, ensuring reproducible, isolated, and resource-constrained execution environments across distributed systems.
- Migrated containerized execution services from Docker Compose to **Kubernetes**, improving orchestration, scalability, and fault tolerance across multiple nodes.
- Built a distributed task processing system using **RabbitMQ**, enabling asynchronous execution, **queue-based workload** distribution, and fault-tolerant job handling.
- Implemented **observability and reliability practices** including structured logging, log rotation, and worker-level traceability to support stable, large-scale distributed operations.
- Optimized resource utilization by implementing execution timeouts, **lifecycle management**, and storage control mechanisms for ephemeral environments.

HCLTech

Sep 2022 – Nov 2025

Analyst (DevOps Engineer)

Noida

- Designed and implemented **CI/CD pipelines with Jenkins**, reducing deployment time by 70% and eliminating manual interventions across the SDLC.

- Managed end-to-end **AWS infrastructure** (EC2, S3, RDS, IAM, VPC, CloudWatch), optimizing resource utilization and reducing cloud costs.
- Automated server provisioning and configuration with **Ansible**, reducing environment setup time by 60% through reusable playbooks and roles.
- Employed **Terraform** for AWS infrastructure provisioning, enabling version-controlled, repeatable deployments across environments.
- Monitored **Kubernetes clusters with Prometheus and Grafana**, maintaining **99.9% uptime** through pod health monitoring, resource utilization alerts, and service availability dashboards.
- Automated recurring operational tasks with **Bash scripting**, improving overall system efficiency by **30%**.
- Managed incidents via **ServiceNow**, consistently resolving **P1/P2 issues 40% faster** than SLA targets, and performed root cause analysis to prevent recurrence.
- Collaborated across cross-functional teams to enforce **DevOps best practices** throughout the software development lifecycle.

CERTIFICATIONS

AWS Certified Solutions Architect - Associate (SAA-C03) | [Certificate Link](#)

AWS

AWS Certified SysOps Administrator - Associate (SOA-C02) | [Certificate Link](#)

AWS

KEY ACHIEVEMENTS

- Resolved P1 and P2 incidents **40% faster than SLA targets**, directly improving satisfaction and service reliability scores.
- Received **HCLTech Xtramiles Award twice** for outstanding performance, cross-team contributions, and delivery excellence.
- Recognised as **Top Performer by the client** for exceptional delivery consistency and technical ownership.

EDUCATION

Bachelor of Technology (B.Tech) in Electronics & Communication Engineering

2018-2022

CSJM University - Kanpur, UP

Senior Secondary Examination

2014-2016

P N National Public School - Gorakhpur, UP