Roshan kumar Singh

DevOps Engineer | roshankumarsingh72@gmail.com | +91 7004658609

Profile Summary

DevOps Engineer with 2.7 years of experience in automating deployments, managing cloud infrastructure, and ensuring reliable, scalable delivery across development, staging, and production environments.

Skills

Cloud & Infrastructure: AWS (EC2, S3, IAM, VPC, Route 53, SNS, CloudWatch, SQS, EKS, ECS), Terraform.
DevOps & CI/CD: Docker, Kubernetes, Jenkins, Argo CD, SonarQube, Git.
Monitoring: Grafana, Prometheus.
Development: JavaScript, TypeScript, ReactJS, NextJS ,NodeJS, Redux.

Work Experience

Hawkwind Consulting Services | *DevOps Engineer*   Oct 2025 – present
- Maintain and monitor Kubernetes pods and containers for production web applications deployed on AWS EKS.
- Ensure high availability and system health through proactive monitoring of all deployed services.

Ansh Soft Tech | *DevOps Engineer*   Jun 2024 – july 2025
- Deployed and scaled a MERN stack-based app on AWS EKS utilizing Terraform for infrastructure provisioning.
- Configured end-to-end traffic routing by integrating ALB with Kubernetes Ingress controllers.
- Automated CI/CD for MERN apps, ensuring high code quality and streamlined dependency management.
- Established Full-Stack Observability by deploying Prometheus and Grafana for real-time Kubernetes monitoring.
- Implemented GitOps Continuous Deployment using ArgoCD to automatically synchronize Kubernetes cluster states with GitHub repository manifests, ensuring zero-drift deployments.

Loktantra Mediatech Pvt Ltd, Mumbai | *web Developer*   Mar 2023 – May 2024
- Deployed full-stack applications using AWS, Docker, and Kubernetes with Argo CD for GitOps-based delivery.
- Established Jenkins pipelines to achieve end-to-end automation for all software builds and deployments.
- Managed secure development and staging environments by configuring and administering OpenVPN.
- Implemented real-time monitoring and performance visibility using Grafana and Prometheus dashboards
- Built real-time web features using LiveKit, Redux Saga, and RTK Query for complex state management.

Internship.
- Implemented UI components using MUI and successfully migrated legacy JavaScript code bases to TypeScript.
- Engineered responsive React applications focusing on seamless API integration and functional logic.

Project Work

Scalable Deployment with Load Distribution
- Deployed the MERN stack apps on AWS EKS, a multi-tier architecture to ensure logical isolation and system resilience.
- Established Jenkins pipelines to achieve end-to-end automation for all software builds and deployments.
- Integrated Kubernetes Ingress controllers with AWS Application Load Balancer (ALB) to manage external traffic distribution across service layers.

CI/CD pipeline for a full stack application
- Designed and implemented a robust CI/CD pipeline using Jenkins to automate the build, test, and deployment
- Leveraged ArgoCD for continuous delivery to Kubernetes, ensuring automated synchronization between GitHub manifests and the cluster state to prevent manual configuration drift.
- Integrated SonarQube for deep code analysis and Trivy for container vulnerability scanning, ensuring only high-quality, secure images are pushed to the Amazon ECR private repository.

Meetup by Khulke
- Developed and maintained highly responsive, scalable frontend components using Next.js.
- Collaborated on the integration of core meeting features, enabling users to host and join virtual conferences with low latency and high reliability across diverse device environments.
- Contributed to the development of multi-platform streaming capabilities, allowing users to simulcast live meetings directly to YouTube and Facebook to maximize audience reach.

Education

Chandigarh University   Jun 2022
B.E (B.Tech) in Computer Science and Engineering