Rohit Verma

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Summary

Self-motivated DevOps Engineer with hands-on expertise in architecting CI/CD pipelines, deploying scalable applications using Kubernetes and Helm, and automating cloud infrastructure on AWS and DigitalOcean. Proven ability to enhance system reliability and reduce operational costs through secure automation and cloud migration strategies, with a passion for sharing knowledge via technical blogs.

Technical Skills

Cloud & DevOps: Kubernetes, Helm, Docker, GitHub Actions, AWS, DigitalOcean
Monitoring & Logging: Grafana, Prometheus, Loki, ELK Stack
Security & Networking: RBAC, TLS/SSL, Load Balancers, Ingress, Istio
Scripting & Languages: Bash, YAML, JSON

Education

Galgotias University | CGPA: 9.2/10.0   Aug 2022 – June 2025
Bachelor of Science in Computer Science with specialization in Cloud Computing

Experience

DevOps Intern | Makunai Global Technologies   Feb 2025 – Present
- Orchestrated management of Kubernetes clusters across Dev, QA, Preprod, and Prod environments, leveraging custom Helm charts to streamline deployments with RBAC enabled for Developers and QAs.
- Automated CI/CD pipelines using GitHub Actions and Docker, reducing deployment time by 30%.
- Architected Cloud infrastructure, including K8s clusters, Databases, Container registries, and Load balancers, ensuring 99.9% uptime.
- Designed Role-Based Access Control (RBAC) policies, securing access for 50+ developers and QA engineers.
- Secured sensitive configurations using Kubernetes Secrets and Vault, adhering to industry best practices.
- Configured Grafana and Loki for real-time monitoring, reducing incident response time by 25%.
- Led Azure-to-DigitalOcean migration, optimizing costs by 20% and simplifying operations.

Technical Projects

End-to-End Microservice Deployment | Docker, Kubernetes, Helm, GitHub Actions, SonarQube   GitHub 🔗
- Developed an end-to-end microservice pipeline, creating Dockerfiles, orchestrating with Kubernetes and Helm, and automating CI/CD using GitHub Actions also integrated SonarQube for code quality testing and ensuring production-ready deployments.

Deploying Applications on Kubernetes using Helm | Helm, Kubernetes   Medium 🔗
- Authored a step-by-step Medium guide on Helm-based application deployment, focusing on templating and versioning.
- Developed reusable Helm charts, adopted by 10+ developers for streamlined deployments.

Kubernetes-Based Chat Application Deployment | Kubernetes, Docker   GitHub 🔗
- Deployed a scalable three-tier chat application (React, Node.js, MongoDB) using Kubernetes, Docker, and Persistent Volumes.
- Documented deployment process on GitHub, enabling open-source collaboration and scalability.

CI-Integrated SonarQube Setup for Multi-Branch Code Analysis | Helm, SonarQube
- Set up a scalable, production-ready instance of SonarQube on a K8s cluster using Helm, and integrated it with GitHub repositories.

Certifications

Cloud & DevOps: AWS Cloud Practitioner (Amazon Web Services), Introduction to Kubernetes (Linux Foundation), Verizon Cloud Platform Simulation (Forage)
Programming & Databases: Data Structures and Algorithms in Java (Coding Ninjas), Database Programming in MySQL (Oracle Cloud)

Achievements

- Competed in Smart India Hackathon 2023, presenting an innovative E-Learning solution as part of a top-performing team.
- Reduced infrastructure costs by 20% through successful Azure-to-DigitalOcean migration.

Social Profiles

GitHub: github.com/Rohit27305, **Medium:** medium.com/@rohitverma27305, **LeetCode:** leetcode.com/rohitverma27305