Ritesh Singh

DevOps & Cloud Engineer | CI/CD | Automation

riteshsingh86991@gmail.com | +91-9696402988 | LinkedIn | GitHub |

Summary

- DevOps Engineer with hands-on experience automating cloud deployments using Docker, Kubernetes, AWS, Jenkins, GitHub Actions, Terraform, and Ansible .
- Proficient in building CI/CD pipelines using Jenkins, GitHub Actions, and Ansible to enable continuous integration, deployment, and monitoring.
- Skilled in monitoring and logging using Prometheus, Grafana, and ELK Stack to track performance and optimize infrastructure.
- Active contributor and blogger with 70+ published articles on Hashnode sharing DevOps best practices and cloud automation techniques.

Skills

- **DevOps & Cloud:** AWS (EC2, S3, IAM, VPC, RDS, Autoscaling, Loadbalancing, Route53 CloudFormation), Docker, Kubernetes, Terraform, Ansible, Jenkins, GitHub Actions,CI/CD,Sql,Yaml
- **Monitoring & Security:** Prometheus, Grafana, ELK Stack, Trivy, Vault
- **Programming:** Bash, Python, HTML, CSS, JavaScript
- **Version Control:** Git, GitHub, CI/CD workflows

Work Experience

- **Practical DevOps Projects & Blogging**   Oct 2025 - Present
  GitHub
  Implemented CI/CD pipelines, containerization, and cloud deployments using Docker, Kubernetes, Terraform, and AWS. Published 70+ technical blogs on Hashnode, sharing DevOps knowledge with the community.

- **Web Dev Intern — Suven Consultants & Tech Pvt. Ltd.**   Dec 2023 - Jan 2024
  Link
  Built responsive web apps using React and TailwindCSS integrated with CI/CD workflows, collaborating with the team through Git-based version control

- **Java Dev Intern — OCTANET Services Pvt. Ltd.**   Aug 2024 - Sep 2024
  Link
  Developed Java applications with JDBC and MySQL integration; enhanced debugging and testing processes to ensure reliable performance.

Projects

- **Full-Stack DevOps Automation Project (Next.js, Docker, GitHub Actions, AWS, Prometheus, Grafana)**
  Live | GitHub | Blog
  Designed and implemented an end-to-end DevOps pipeline for a Next.js portfolio site. Leveraged GitHub Actions for CI/CD, Docker for containerization, and AWS for cloud hosting. Applied automation best practices to deploy services with high availability and scalability. Integrated Prometheus and Grafana for metrics collection, monitoring, and alerting.

- **DevSecOps Pipeline (Jenkins, Terraform, Ansible, Docker, Trivy, Prometheus, Grafana, AWS)**
  GitHub | Blog
  Designed and implemented a complete DevSecOps pipeline integrating CI/CD, security, and monitoring. Automated infrastructure provisioning with Terraform and configuration management using Ansible (secured via Ansible Vault). Built and deployed a containerized Flask app through Jenkins; integrated Trivy for image scanning and Prometheus-Grafana for real-time monitoring and alerts

- **Docker-Jenkins CI/CD (Docker, Jenkins, Node.js, AWS)**
  GitHub | Blog
  Built a Jenkins-based CI/CD pipeline for a Dockerized Node.js app with GitHub Webhook triggers. Automated image build and push to Docker Hub, followed by AWS EC2 deployment using Jenkinsfile.

Certifications

- AWS Certified Solutions Architect - Associate (Udemy, 2025)   Certificate
- Docker Essentials & Containers (Udemy, 2025)   Certificate
- DevOps Fundamentals (Udemy, 2025)   Certificate

Education

- **Rajkiya Engineering College (AKTU)**   2021 – 2025
  B.Tech in Information Technology, Ambedkar Nagar, UP

Achievements

- Awarded Serial Blogger on Hashnode (70+ DevOps blogs)   Jun 2025 - Present
- Secured Rank 8 in Skills Up India DevOps Course (GeeksforGeeks)   Oct-2025