

Kunjan Jha

Senior DevOps Engineer | SRE | Automation

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Summary

DevOps and SRE-focused software Engineer with **4.4 years of experience** building and supporting scalable, cloud-native infrastructure for high-impact products. Proven track record in automating **CI/CD** pipelines, managing containerized workloads with **Docker and Kubernetes (EKS/GKE)**, and implementing Infrastructure as Code using **Terraform and Ansible**. Skilled in writing clean, reusable **automation scripts (Python, Bash)**, streamlining deployments, and optimizing monitoring with **Prometheus, Grafana, and Splunk**. Comfortable owning systems end-to-end — from build to deploy to on-call — with a strong focus on **reliability, performance, and developer experience**. Actively contributed to reducing **release friction** and **improving platform uptime in agile**, product-driven teams.

Skills

- **DevOps & SRE:** Jenkins, GitHub Actions, Azure DevOps, ArgoCD, Helm, GitOps, SLAs, MTTR, SLO, SLI, MTTD
- **Cloud & Infra:** AWS (EC2, S3, Lambda, VPC, EKS), Azure, Terraform, CloudFormation
- **CI/CD Practices:** Automated Testing, Canary Deployments, Rollback Strategies, Integration Gates, Continuous Deployment
- **Version Control:** Git (branching, PR flow, conflict resolution), GitHub, Bitbucket
- **Operating Systems:** Linux (Ubuntu, Amazon Linux 2, RHEL-based distros), Unix
- **Infrastructure as Code:** Terraform modules, Ansible playbook
- **containerization & Orchestration:** Docker, ECS, Kubernetes (EKS, GKE)
- **Monitoring & Observability:** Splunk, Grafana, Dynatrace, Prometheus, CloudWatch
- **Messaging & Event Streaming:** AWS kinesis, RabbitMQ
- **Programming & Scripting:** Python, Bash scripting, Java (Spring Boot basics for microservice debugging)
- **Security and Governance:** Compliance Scanning, Role-based IAM, Audit Trails, Encrypted Secrets
- **SRE & Chaos Engineering:** Gremlin, Litmus, SLAs/SLIs, auto-healing systems
- **Project Management & Collaboration:** Git (GitHub, Bitbucket), Jira, Confluence, Slack, Microsoft Teams, SharePoint
- **Soft Skills:** problem solving, critical thinking, mentoring, documentation, cross-team collaboration, Teamwork, system integration.

Experience

Senior DevOps Engineer

Nagarro Software Pvt. Ltd. | Gurugram, India | Feb 2021 – Present

- Developed **CI/CD pipelines with Jenkins and GitHub Actions**, reducing deployment time by 40%.
- Provisioned **AWS infrastructure using Terraform and Ansible** across multi-region environments.
- Migrated legacy workloads to **Kubernetes (EKS/GKE)**, improving uptime and scalability.
- Implemented **Helm-based deployment** strategies for version-controlled rollouts.
- Built monitoring and alerting with **Prometheus, Splunk, Dynatrace**, improving **MTTR** by 35%.
- Containerized Java apps and supported developers in troubleshooting and build pipeline fixes.
- Led **incident response activities and postmortems** aligned with SRE best practices.
- Collaborated cross-functionally to ensure **production readiness, capacity planning**, and change traceability.

Projects

- **Cloud Workforce Platform (Nagarro)**: Deployed resilient multi-cloud architecture (AWS+GCP), increasing system uptime to **99.95%**; applied audit trails and cost monitoring.
- **Release Pipeline Overhaul**: Enforced a responsive and functional **continuous integration** and delivery framework with gated approvals, rollback, version tagging, and Helm chart deployments.
- **GitOps Adoption**: Introduced GitOps workflows using ArgoCD for real-time environment sync, improving visibility and change traceability, reducing configuration error by 70%.

Education

Bachelor of Technology – Electronics & Communication

Asansol Engineering College, 2021

Certifications

- Gremlin Certified Enterprise Chaos Engineering (GECEC)

- [HashiCorp Terraform Associate](#) (*expected: Oct 2025*)

Accomplishments

- Completed online training on **Remote Sensing & Digital Image Analysis**, IIRS (ISRO), 2020
- Recognized with internal excellence award for creating an available CI/CD platform supporting 15+ applications.
- Authored DevOps standards and best practices documentation adopted across engineering teams.
- Reduced infrastructure spends by 18% through optimized provisioning and cloud usage audits.

Languages

- **Hindi:** Native
- **English:** B2 Upper Intermediate