

Sheevendra Singh Singraul

Bangalore, Karnataka | +91 7000717897 | [Gmail](mailto:Sheevendra.singhraul@gmail.com): Sheevendra.singhraul@gmail.com

[LinkedIn](https://www.linkedin.com/in/sheevendra): www.linkedin.com/in/sheevendra | [GitHub](https://github.com/Singhraul): https://github.com/Singhraul

SUMMARY

Results-driven DevOps Engineer with 3+ years of experience in building and optimizing CI/CD pipelines, reducing deployment time by 40%. Skilled in infrastructure automation, improving scalability and consistency while achieving 99.9% system uptime through enhanced monitoring. Proficient in AWS, Docker, Kubernetes, Terraform, Ansible, and GitLab, with a proven track record of streamlining cloud-based infrastructure and deployment processes.

PROFESSIONAL EXPERIENCE

SIEMENS TECHNOLOGY AND SERVICES PVT LTD

SRE/DevOps Engineer

Bangalore, Karnataka, India | Aug 2021 – Sept 2024

DevOps/SRE Engineer with 3+ years of experience in CI/CD, AWS, Docker, Kubernetes, and Infrastructure Automation. Achieved a 30% reduction in deployment time and maintained 99.9% system uptime. Proficient in DevOps automation, CI/CD pipelines, Agile methodology, Linux scripting, Grafana and Prometheus for monitoring.

Project 1: Industrial Edge Management (IEM):

A system designed to enhance the efficiency and flexibility of industrial operations by enabling seamless deployment, management, and monitoring of edge devices and applications within industrial environments. Designed and deployed a scalable edge management system using Kubernetes and MySQL. Automated CI/CD pipelines using GitLab CI/CD, reducing deployment time by 40% for 10+ microservices. Implemented monitoring and logging solutions using Grafana and Prometheus.

Project 2: Industrial Edge Device (IED):

A computing unit located at the edge of an industrial network, processing and analyzing data locally to reduce latency and bandwidth usage. Developed and managed edge computing units to process MySQL, reducing bandwidth usage by 30%. Utilized Terraform and Ansible to provision and manage infrastructure, improving scalability and reliability. Ensured security best practices by implementing IAM policies, reducing vulnerabilities by 30%.

Key Responsibilities:

- Automated CI/CD pipelines using GitLab CI/CD, reducing deployment time by 40% and improving integration workflow efficiency.
- Managed infrastructure using Terraform and Ansible, ensuring 99.9% system uptime.
- Implemented monitoring and logging solutions using Grafana, Prometheus, and ELK stack (Elasticsearch, Logstash, Kibana) for proactive issue resolution and improved system health.
- Developed Python and shell scripts to automate infrastructure tasks, optimizing performance and reducing manual effort.
- Deployed and managed applications using Docker and Kubernetes, optimizing resource utilization and scalability.
- Managed SQL databases
- Collaborated with cross-functional teams (developers, QA, operations) to streamline development workflows and improve team efficiency.
- Ensured compliance with security best practices and industry standards across infrastructure and pipelines.

TECHNICAL SKILLS:

- **Cloud Platforms:** AWS (EC2, S3, Lambda, RDS, IAM, CloudFormation, CloudWatch, ECS, EKS, Route 53)
- **Azure:**(VMs, App Service, AKS, Functions, Blob, SQL DB, Azure AD, DevOps, Logic Apps, VNet, Cosmos DB, Monitor, Sentinel, Data Factory, Cognitive Services)
- **CI/CD Tools:** GitLab CI/CD, Jenkins
- **Containerization & Orchestration:** Docker, Kubernetes
- **Infrastructure as Code (IaC) and Configuration Management:** Terraform, Ansible, AWS CloudFormation
- **Monitoring & Logging:** Grafana, Prometheus
- **Scripting & Automation:** Linux, Shell Scripting, Python
- **Other Tools:** Docker Registry, Artifactory (Artifact Management), SonarQube (Code Quality)
- **Documentation:** Skilled in creating and maintaining technical documentation for clear communication and knowledge sharing.

EDUCATION

●	TECHNOCRATE INSTITUTE OF TECHNOLOGY RGPV MTech in Computer Science CGPA 7.7	BHOPAL MP, INDIA Jul-2019
●	UNIVERSITY INSTITUTE OF TECHNOLOGY RGPV B.E in Computer Science CGPA 7.08	BHOPAL MP, INDIA Jun-2016
●	GOVT POLYTECHNIC COLLEGE BHIND RGPV Diploma in Computer Science CGPA 7.8	BHIND MP, INDIA Jul-2013

CERTIFICATION

- Introduction to Containers w/ Docker, Kubernetes & OpenShift | IBM | Feb 2024
- Continuous Integration Tools | LinkedIn | Mar 2024
- Introduction to Cloud Computing/AWS | IBM | Mar 2023
- AWS Well-Architected Framework: Security Pillar | LinkedIn | Mar 2022
- Siemens Data Privacy Essentials/Information Security Policy | Siemens | Jul 2022