

# SRITESH SURANJAN

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## Professional Summary

Highly motivated and aspiring **DevOps Engineer** with a strong foundation in **cloud infrastructure, automation, and CI/CD pipelines**. Proficient in **AWS services (EKS, EC2, S3), Docker, Kubernetes, Terraform, and Ansible**. Experienced with **Jenkins, GitLab CI/CD**, and version control using **Git and GitHub**, focusing on enhancing software delivery, scalability, and reliability. Passionate about leveraging **DevOps methodologies** and security best practices (**DevSecOps**) to contribute to innovative, high-performing teams.

## Skills

**Application Deployment | Automation | DevOps | Operating Systems | Bash | Continuous Integration | Continuous Deployment | Pipeline Automation | Infrastructure as Code | Cloud Computing | Containerization | Orchestration | DevSecOps | Security Compliance | Monitoring & Logging | Observability | Version Control | Configuration Management | Scripting (Shell, Python) | Application Security | Computer Networking | Troubleshooting**

## Tools & Technologies

**Cloud Computing:** AWS (EC2, EKS, S3, IAM, VPC) , Azure | **Infrastructure as Code:** Terraform, Ansible, CloudFormation | **CI/CD Pipeline Automation:** Jenkins, GitLab CI/CD, GitHub Actions, ArgoCD | **Containerization & Orchestration:** Docker, Kubernetes, Helm | **Monitoring & Logging:** Prometheus, Grafana | **Version Control:** Git and GitHub | **Security Compliance:** SonarQube, Trivy, OWASP ZAP, HashiCorp Vault | **Scripting:** Bash, Python & PowerShell | **Operating Systems:** Ubuntu, RedHat | **Databases:** MongoDB, MySQL, DynamoDB | **Other Tools:** Generative AI, Jira

## Internships

**Intern**  
**Nuclear Power Corporation of India Limited (NPCIL) | Kaiga, Karnataka, India** 2024-06 – 2024-07

- Developed a software model for monitoring benchmarking parameters for the NTC section, improving data accuracy by 15%.
- Enhanced system functionalities using HTML, ColdFusion, and SQL, resulting in a 10% reduction in data retrieval time.

## Projects

- Monitoring and Visualization for a Kubernetes-Based Application on Grafana with Metrics on Prometheus**  
Designed and deployed scalable monitoring solutions using Prometheus, Grafana, and cAdvisor to optimize observability and track performance metrics in Kubernetes-based environments.
- Creation of a Production-Ready Infrastructure using Terraform and Configuration Management using Ansible for Multi-Tier Deployment with Remote Backends**  
Designed and deployed a secure, scalable multi-tier infrastructure on AWS using Terraform and Ansible, with remote backends for efficient state management and enhanced scalability.
- Creation of a Production-Ready Infrastructure using Terraform**  
Designed and provisioned a highly available, scalable AWS infrastructure using Terraform for automation, with remote backends for efficient state management and optimized for security, reliability, and cost-effectiveness.
- Deployment of a Three-Tier Application on AWS EKS (Managed Kubernetes Service)**  
Deployed and orchestrated a scalable three-tier application (ReactJS, NodeJS, MongoDB) on AWS EKS with Kubernetes for automated scaling, configured AWS ALB for efficient load balancing, and implemented DevOps practices for seamless deployment using Docker and cloud automation.
- DevSecOps Jenkins CI/CD Pipeline for a Node.js Application**  
Developed a Jenkins CI/CD pipeline for a Node.js application, integrating DevSecOps practices with SonarQube, OWASP, and Trivy for code quality, security testing, and Docker image scanning, ensuring secure, production-ready deployments.
- GitLab CI/CD pipeline, automating testing, build, and deployment processes**  
Developed and deployed a Node.js application using GitLab CI/CD pipeline for automated testing, build, and deployment, containerized with Docker, and deployed on AWS EC2 for scalability and reliability.
- Containerization of a two-tier application using docker, docker compose, and image scanning with docker scout**  
Containerized a two-tier application using Docker and orchestrated deployment with Docker Compose, performing vulnerability scanning with Docker Scout to enhance security and strengthen knowledge of containerization and security best practices.
- Script for User Management and Backup in Linux**  
Developed a Linux shell script for user management and automated directory backups, including account creation, deletion, and password resets, while strengthening expertise in shell scripting, Linux administration, and security automation.

## Certifications

- DevOps: Zero To Hero Certification** [Train With Shubham]
- Git for DevOps Certification** [Train With Shubham]
- AWS DevOps Certification** [Train With Shubham]
- AWS: Zero To Hero Certification** [Train With Shubham]
- Introduction to Cloud Job Simulation** [Forage(Datacom)]
- Developer and Technology Job Simulation** [Forage(Accenture)]
- Python for DevOps Certification** [Train With Shubham]
- Crash Course on Python** [Coursera (Google)]
- Linux for DevOps Certification** [Train With Shubham]
- Computer Networking Certification** [Train With Shubham]
- Kubernetes on AWS EKS & ArgoCD Certification** [Train With Shubham]
- Generative AI for DevOps Certification** [Train With Shubham]
- Solutions Architecture Job Simulation** [Forage(AWS)]
- Software Engineering Job Simulation** [Forage(Goldman Sachs)]
- DevOps Bootcamp Certification** [Train With Shubham]
- Python Certification** [Oneroadmap]

## Education

<b>Biju Patnaik University of Technology</b>		
B.Tech in Computer Science	CGPA: 8.36	2021 – Ongoing
<b>Jatiya Kabi Bira Kishore Higher Secondary College</b>		
Higher Secondary (12th)	Percentage: 87.62	2019 – 2021
<b>D.A.V. Public School</b>		
Secondary (10th)	Percentage: 85.67	2019 – 2019