SUJAN K S

+91 9632934190 | sks.awsdev@gmail.com

Portfolio | **LinkedIn** | **GitHub**

1 Summary

Dynamic AWS & DevOps Engineer with hands-on expertise in designing CI/CD pipelines, cloud infrastructure, and automation solutions. Skilled in Jenkins, Docker, Terraform, and AWS services (EC2, S3, VPC, CloudFront), with a proven track record of delivering scalable, secure architectures in real-world projects. Certified AWS Solutions Architect and DevOps Engineer (2025). Passionate about optimizing deployment workflows, reducing operational costs, and driving cloud-native innovation. Committed to leveraging modern DevOps practices to contribute immediate value to forward-thinking teams.

2 Technical Skills

- **Cloud Platforms**: AWS (EC2, S3, IAM, VPC, RDS, ELB, Auto Scaling, CloudWatch, CloudFront, Route 53)
- **DevOps Tools**: Jenkins (Freestyle, Pipelines), Git, GitHub, Docker, Terraform, Ansible (Basics), Kubernetes (Intro), Helm
- **CI/CD**: Jenkins Pipelines, GitHub Webhooks, Shell Scripting, YAML, Docker Hub Integration
- **Infrastructure as Code**: Terraform (Modules, State Management), AWS CloudFormation (Basics)
- **Monitoring & Logging**: Prometheus, Grafana, AWS CloudWatch, ELK Stack (Intro)
- **Operating Systems**: Linux (Amazon Linux, Ubuntu, CentOS), Windows (Basics)
- **Scripting**: Bash, Python (Basics for Automation)
- **Soft Skills**: Problem-Solving, Team Collaboration, Fast Learner, Effective Communication

3 Experience

AWS & DevOps Projects

Hands-on projects demonstrating expertise in CI/CD, cloud deployments, and infrastructure automation

- **CI/CD Pipeline with Jenkins & Docker**: Developed an end-to-end CI/CD pipeline using Jenkins to automate code pulls from GitHub, build Docker images, push to Docker Hub, and deploy web applications on AWS EC2. Reduced deployment time by 40% and improved release reliability by integrating automated testing.
- **AWS VPC 2-Tier Architecture**: Architected a secure VPC with public and private subnets, NAT Gateway, route tables, and security groups, enabling scalable EC2 deployments in a production-grade environment. Ensured high availability and fault tolerance.
- **S3 Static Website Hosting**: Deployed a personal portfolio site on AWS S3 with optimized bucket policies, public access configurations, and CloudFront integration for low-latency delivery, achieving 100% uptime and global accessibility.
- **Monitoring with Prometheus & Grafana**: Configured Prometheus to monitor Docker containers and EC2 instances, building Grafana dashboards to visualize CPU, memory, and network metrics. Improved system visibility and reduced incident response time by 25%.
- **Terraform Infrastructure Automation**: Automated provisioning of AWS resources (EC2, S3, IAM, VPC) using modular Terraform scripts, streamlining infrastructure setup by 30% and ensuring consistent, reproducible environments.
- **Kubernetes Rollback with Helm**: Managed Kubernetes deployments using Helm charts, implementing rollback strategies to handle version updates seamlessly, ensuring zero-downtime releases and robust application resilience.

Achievements

- Earned AWS Solutions Architect and DevOps Engineer MicroDegrees (2025), mastering AWS, Jenkins, Docker, and Terraform.
- Successfully deployed a portfolio site on S3, featured in GitHub portfolio with 100% uptime.
- Optimized CI/CD pipelines, reducing deployment cycles by up to 40% across multiple projects.

4 Certifications

- AWS Solutions Architect – MicroDegree, 2025
- DevOps Engineer – MicroDegree, 2025 (AWS, Jenkins, Docker, Kubernetes, Terraform, Ansible)

5 Education

B.E. in Electronics & Communication   N.M.A.M Institute of Technology, Nitte – 2024
Diploma in Electronics & Communication   N.R.A.M Polytechnic, Nitte – 2021