NAGARAJ BADIGER

Bengaluru, Karnataka |+91 9916550489 | nagarajbadiger0123@gmail.com
| LinkedIn | GitHub

Professional Summary

Certified **AWS & DevOps Engineer** with around **4 years of experience** in deploying and managing **scalable, secure AWS cloud infrastructure**, **CI/CD pipeline automation**, and **containerized application deployment**. Skilled in **Linux, GitHub, Jenkins, Docker, Kubernetes (EKS), Ansible, Terraform, Prometheus, and Grafana**. Strong problem-solver with a focus on **scalability, performance optimization, security, and monitoring** in cloud environments, ensuring **efficient and reliable software delivery** across the **DevOps lifecycle**.

Work Experience

Tata Consultancy Services (TCS) – Client: BFSI – Barclays
System Engineer | Feb 2022 – Sep 2025

Roles & Responsibilities
AWS Cloud Infrastructure & Security

- **Deployed and managed** secure, scalable environments on **AWS** leveraging **VPC, EC2, Load Balancers, Auto Scaling, Route 53, CloudFront, and S3** for enterprise applications.
- **Configured** IAM policies, roles, and MFA to enforce least-privilege access and compliance across multiple AWS accounts.
- **Monitored and audited** resources using **CloudWatch, CloudTrail, and SNS** for proactive alerting and governance.
- **Optimized** cloud resources through Auto Scaling and cost-monitoring dashboards, reducing monthly cloud expenditure by approximately **20%**.

Infrastructure as Code (IaC) & Automation

- **Engineered reusable Terraform modules** to automate provisioning of AWS components including **VPCs, EC2 instances, Security Groups, and IAM roles**, improving consistency and deployment speed.
- **Automated** configuration management and server setup using **Ansible** and **Shell scripting**, improving deployment consistency.

CI/CD Pipeline & Application Deployment

- **Orchestrated** full lifecycle **CI/CD pipelines** in **Jenkins**, integrating **Git/GitHub, Maven, and Docker** for automated build, test, and deploy processes.
- **Containerized** Java-based application with **Docker** and **deployed** them on **EKS (Kubernetes)** clusters for high availability and scalability.
- **Configured** Kubernetes manifests (Deployments, Services, and Ingress) to automate rolling updates and rollback strategies.

Monitoring & Observability

- **Integrated Prometheus and Grafana** for end-to-end application and infrastructure monitoring, enhancing system visibility.
- **Created** custom alerting rules and dashboards to detect anomalies, improving incident response times and uptime metrics.

Collaboration & Release Management

- **Coordinated** with cross-functional teams (development, QA, release) to streamline CI/CD workflows and automate testing pipelines.
- **Supported** Agile delivery and **managed** production releases through structured change-management practices.

Technical Skills

- **Cloud Platforms:** AWS (VPC, EC2, IAM, S3, EBS, EFS, CloudWatch, Route53, CloudFront)
- **CI/CD & SCM:** Jenkins, Git, GitHub
- **Containers & Orchestration:** Docker, Kubernetes (EKS)
- **IaC & Automation:** Terraform, Ansible
- **Monitoring & Logging:** Prometheus, Grafana
- **Scripting & OS:** Shell (Bash), Linux Administration

Education

Bachelor of Engineering – VTU, UBDT College of Engineering, Davanagere

---

Certifications

- **AWS Certified Solutions Architect –** Associate
- **DevOps -** MicroDegree