SURESH NARAVA

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SUMMARY

Junior DevOps Engineer with over 2 years of experience, specialized in automating deployment pipelines, managing scalable **cloud infrastructure**, and streamlining **CI/CD** processes. Proven experience in handling tools like **Jenkins, Docker, Kubernetes, Terraform, Ansible** and **AWS**. Looking to apply my skills on enhancing system **performance** and **reliability** with effective collaboration between **development** and **operations** teams to drive agile delivery. I have the **right to work** in the **UK**.

WORK EXPERIENCE

Systems Associate (Junior DevOps Engineer) | Infosys Pvt Ltd | October, 2022 - December 2024

- Worked on Implementing **CI/CD pipelines** in **Jenkins**, automating build, test, and deployment processes, which reduced manual deployment errors by 35% and accelerated release cycles by 20%.
- Provisioned **AWS infrastructure** using **Terraform (IaC)** to create EC2, VPC, Subnets, Security Groups, and RDS instances, cutting provisioning time by 40% and improving resource consistency across environments.
- Hands-on experience in automating **system administration tasks** in **Linux** using **Bash** scripting for log rotation, patching, and monitoring, which reduced manual effort by 25% and improved issue resolution speed by 30%.
- Deployed and managed **containerized applications** with **Docker** and **Kubernetes (EKS)** by designing Pods, Services, and StatefulSets, resulting in improved application scalability and a 99.9% uptime SLA.
- Integrated **monitoring solutions (CloudWatch, Prometheus, Grafana, Datadog)** to set alarms and track system performance, which improved incident detection by 40% and reduced mean time to resolution by 20%.
- Good at developing **Ansible playbooks** for **configuration management** and **patch automation**, ensuring consistent deployments and reducing configuration drift incidents by 30% across environments.

PROJECTS

End-to-End CI/CD Deployment of Java Application on AWS EKS

Aim: To design and implement a complete CI/CD pipeline for a Java-based web application and MySQL database with automated deployment on AWS EKS cluster.

Action:

- Built Docker images for the application and database using Jenkins pipeline integrated with Git, Maven, SonarQube, DockerHub, and Slack/Gmail notifications.
- Provisioned AWS EKS using Terraform and deployed workloads via Kubernetes Deployments, StatefulSets, and Services. Configured Prometheus and Grafana for real-time monitoring and performance insights.

Outcome: Reduced deployment time by 45% through automation, improved release frequency with zero-downtime deployments, and achieved 99.9% application availability with proactive monitoring and alerting.

SKILLS

AWS (EC2, VPC, S3, IAM, ECR, EKS, RDS, CloudWatch) | Linux (RHEL, Ubuntu) | GIT and GITHUB | Jenkins | Docker | Kubernetes | Terraform | Ansible | Helm charts | Bash Scripting | JIRA | ServiceNow | Prometheus, Grafana | MYSQL | Yaml | Nexus| Datadog | TCP/IP | DNS | VPN | ArgoCD | Slack.

EDUCATION

Bachelor of Computer Applications (*First Class with Distinction*) | A N University | 2019-2022

CERTIFICATIONS

DevOps Online Training (*ISO 21001:2018 Certified*) – Frontlines Edu Tech Pvt Ltd, April-2025