

K Rajesh Varma

Mobile No: +91-7674037217

Mail: krajeshvarma1994@gmail.com

5+ Years of experience as DevOps engineer with demonstrated history of working in IT and services. My Expertise technologies include AWS, CICD with Jenkins, Containerization with docker, and orchestration with kubernetes, monitoring with prometheus and grafana, IAC with terraform.

Professional Summary:

- **5+ Years** of experience as a **DevOps Engineer**.
- Experienced in working with Microservice applications.
- Experienced in creating, configuring and maintaining Infrastructure on AWS Cloud services including **EC2, ECR, EKS, S3, RDS and IAM**.
- Experience in writing **Terraform** modules, and re-using them to create infrastructure.
- Experienced in **Jenkins** for creating and maintaining CI/CD pipelines.
- Hands-on experience using bash and python scripting for automating day to day activities and tasks.
- Expertise on **Docker, Kubernetes and Helm charts**.
- Strong work ethic with good Interpersonal and Organisational skills.

Work Experience:

- Working as DevOps Support Engineer at Talentica software India pvt ltd

Technical Skills:

- **AWS Cloud Services:** EC2, ECS, ECR, EKS, IAM, S3
- **CI/CD Tools:** Jenkins.
- **Languages:** YAML, Groovy, GO
- **Operating System:** Linux
- **Containerization and Orchestration:** Docker and Kubernetes
- **IAC Tool :** Terraform
- **Bug/Defect Tracking Tool:** JIRA
- **Monitoring Tool:** Prometheus and Grafana.
- **Security vulnerability tools:** Trivy and Snyk.
- **Secret Management:** Hashicorp vault
- **API management:** Tyk

Professional Experience:

Employer: Talentica Software India Pvt Ltd (Sept 2020 to Present)

Environments: AWS, Terraform, BitBucket, Jenkins, SonarCloud, Nexus, Docker, Kubernetes, Helm, Snyk, Trivy, Vault, Tyk, LogDna, Rancher, Prometheus, Grafana.

Roles and Responsibilities:

- Creating, configuring and maintaining Infrastructure on AWS Cloud services including EC2, S3, IAM, EKS, ECR, WAF, ALB, Route53.
- Created terraform modules for AWS resources EC2, S3, IAM, ECR, WAF etc which reduces manual effort by 60%.
- Created, Configured and maintained Multibranch CICD pipelines in Jenkins for continuous deployment to production.
- Created EKS cluster from scratch using terraform, Automated the provisioning of EKS Add_ons.
- Worked with package manager Helm to create Helm charts from scratch and store them in the Chart museum.
- Created Vault for secret management from scratch, and integrated it with kubernetes and Jenkins.
- Worked with Snyk for security vulnerabilities at source code level, and integrated with Jira for automated ticket creation.
- Worked with Trivy for security vulnerabilities in Docker images and resolved them accordingly by building new docker images.
- Worked with different microservice applications, and created multiple API gateway authentications from TYK as per the requirements.
- Configured and Maintained LogDna agent for logging all the pod level/server level logs.
- Worked with Rancher for multi-cluster orchestration platform, managing and securing enterprise Kubernetes.

- Worked with Prometheus and Grafana for Observability of all the applications and Services.
- Created multiple customised grafana dashboards as per the requirements.

Employer: Ness Technologies, Bangalore (July 2018 - Aug 2020)

Environment: GitHub, Jenkins, Maven, SonarQube, Nexus, Tomcat, Terraform, AWS, Linux

Role and Responsibilities:

- Creating, configuring and maintaining Infrastructure on AWS Cloud services including EC2, S3, IAM, VPC, Subnets, ALB, Route53.
- Creating IAM policies, Roles and user management for delegated access within AWS.
- Created terraform modules for AWS resources EC2, S3, IAM etc which reduces manual effort by 60%. Imported existing infrastructure in AWS to terraform as well.
- Created CICD pipeline for terraform execution in jenkins.
- Worked with Github for version control, and managed webhook configurations in github with jenkins.
- Created CICD pipelines for continuous deployment of applications to integration and production environments which reduces 40% of manual effort.
- Worked with release managers to schedule and implement the releases into production.
- Worked with multiple plugins in jenkins to integrate tools likes github, sonar, etc with jenkins.
- Troubleshooting and resolving technical issues related to Linux servers, applications, and services.
- Collaborating with developers and other stakeholders to ensure smooth integration of code changes and updates.

Education :

- B.Tech (Electronics and Communications Engg.), JNTU, Anantapur.

Declaration:

I hereby declare that the information given above is true to the best of my knowledge.