B KIRAN NAIK

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Professional Summary

A DevOps Engineer with over 3 years of hands-on experience, extensively working with AWS cloud, Python scripting and automation. Strong command of Ansible and Terraform enables effective configuration management, while expertise in Docker and Kubernetes supports seamless containerization and orchestration. A solid background in microservices architecture contributes to designing scalable solutions, with proficiency in GitHub and GitHub Workflows for CI/CD. Experienced with Hashi Corp Vault for secure secret management and implementing robust security models. Passionate about driving efficiency and reliability through DevOps best practices, ensuring the delivery of high-quality solution ns aligned with business objectives. Committed to continuous learning and leveraging technology to solve complex challenges.

Skills

- DevOps | Kubernetes | Helm | Docker | Linux | CI/CD | GitHub | Hashi Corp Vault
- AWS | Cloud | Python | Ansible | Terraform | Shell Scripting | OpenSearch
- Keycloak | Kong Gateway | Nginx | Elasticsearch | Jira | Grafana | Prometheus

Experience

DevOps Engineer   **Infosys**   **Bangalore, India**   **05/2022 – Present**

- **CI/CD Pipeline:** Designed and built CI/CD pipelines for 80+ microservices using **GitHub Workflows** and **GitHub Actions Runner**, cutting down deployment times by 30% and increasing release frequency.
- **Containerization and Orchestration:** Engineered a robust containerization strategy using **Docker** and **Kubernetes**, enhancing application scalability across diverse environments and contributing to a 20% improvement in resource utilization. Streamlined deployment processes for 70+ microservices by revamping automation pipelines, saving approximately 25 hours per sprint in feature delivery.
- **Scripting and Automation:** Developed **Ansible** scripts to monitor critical service health (**Elasticsearch**, **Keycloak**) post-upgrades and system reboots. Created **Python** automation for secure file transfers between production and non-production environments via Ansible, reducing manual effort by 50% and improving operational efficiency by 75%.
- **AWS Infrastructure:** Managed comprehensive **AWS** ecosystem including **EC2, S3, RDS, EKS, SNS, VPC, IAM, OpenSearch** and **CloudWatch** - enabling seamless hosting, storage, and security for cloud applications.
- **GitHub Migration:** Migrated 100+ code repositories from **GitLab** to **GitHub** using GitHub Workflows and GitHub Actions Runner, establishing new CI/CD pipelines and configured SonarQube for enhanced code security.
- **Hashi Corp Vault Implementation:** Designed and implemented centralized secrets management infrastructure using **Hashi Corp Vault**, configured Kubernetes integration via **Secret Operator** to automate credential injection. Established automatic password rotation policies, eliminating manual intervention and reducing **security** vulnerabilities by 40%.

Education

Madanapalle Institute Of Technology And Science(B.Tech)   Angallu, AP,India   07/2016 - 05/2021

- Major in Computer Science & Engineering

Projects

- **E-Learning Platform Cloud DevOps & Infra:** Contributed to the DevOps and infrastructure of a large-scale e-learning platform. Responsibilities included designing and implementing CI/CD pipelines, managed a scalable AWS multi-tenant architecture supporting 2.5 lakhs plus simultaneous users, and containerized applications with Kubernetes. Implemented Hashi Corp Vault for secure credential management across the platform, facilitating Single Sign-On (SSO) integration while maintaining strict security protocols. Optimized API management and real-time data streaming to enhance overall performance and usability.

Certifications

- **DevOps** Course Completion Certificate from FrontLine Edutech Private Limited
- Infosys certified: Associate in IaC using Terraform, Associate in Ansible Automation