

Anil kumle

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SUMMARY

- **DevOps Engineer with 4+ years of experience** in CI/CD automation using GitLab, GitHub and Jenkins and containerization with Docker and Kubernetes for scalable microservices. Proficient in AWS Cloud and other cloud platforms for optimized infrastructure and deployments.
- **Proficient in infrastructure as code (Terraform)**, Linux administration and monitoring tools like New Relic and Grafana, ensuring high availability, performance, and robust system management.

SKILLS

- **CI Tools:** Gitlab, Github, azure pipeline, jenkins
- **Configuration management and IAC:** Ansible, Terraform, Pulumi
- **Scripting:** Bash, Python
- **Container Technologies:** Docker, Kubernetes
- **DevsecOps Tools:** Git, SonarQube, Dependency Track, Trivy, Nginx, AWS, GCP, Azure
- **Monitoring tools:** Grafana, Prometheus, Newrelic

WORK EXPERIENCE

sr.DevOps Engineer

SakhaGlobal Private Limited

10/2020 - present

- AI and Speech Recognition Project

- **Developed a Python API** to track front-end HTTP requests and generate custom metrics, enabling enhanced traffic monitoring and analysis.
- **Integrated Prometheus adapter** to read custom metrics and configured Kubernetes Horizontal Pod Autoscaling (HPA) for real-time scaling based on traffic patterns.
- **Migrated the project from AWS to Azure**, ensuring a seamless transition with minimal downtime and achieving improved performance and cost optimization.

- Devsecops

- Implemented DevSecOps practices by establishing security standards and **integrating SAST and DAST tools** to detect and mitigate vulnerabilities early in development.
- Automated security testing in CI/CD pipelines using DevSecOps tools with integrated quality gates to ensure applications meet security thresholds. Streamlined secure and efficient application deployments.
- Optimized Docker images using **multi-stage Dockerfiles** and enhanced container security by running **containers with a non-root user**, reducing image size, **minimizing vulnerabilities**, and adhering to best practices.

- E-Commerce Project

- Automated the entire platform's CI/CD pipeline using Github, overcoming Windows server setup challenges by installing SSH with PEM keys for secure management. Enhanced privacy and security by installing HMA VPN on the server to anonymize the IP address. Performance.

- KillerCoda

- Introduced **KillerCoda as an entrance test for DevOps freshers**, streamlining candidate selection and improving the assessment process for better hiring decisions

Techolution private Limited

Associate Devops Engineer

05/2019 - 06/2020

- ChannelFlow

- Configured a **high-availability MongoDB replica set within a Docker environment**, enabling automatic failover and seamless traffic management for enhanced system resilience and data availability.
- Utilized Docker and Docker Compose to deploy application components and configure databases for streamlined operations. **Integrated NGINX as a web server to optimize traffic management**, ensuring high availability and seamless application performance.

- Artist portal

- Designed and implemented CI/CD pipelines with GitLab to deploy microservices into Kubernetes clusters, using Terraform to create and manage infrastructure, ensuring efficient and reliable deployments
- Configured Kubernetes auto-scaling with Horizontal Pod Autoscaling (HPA), optimizing performance and availability by scaling based on CPU, memory, and traffic patterns during surges.

EDUCATION

Completed B.Tech from Jayam college of engineering and technology, Tamil Nadu in the year -2018