


# KRANTI BHINGARDE


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DEVOPS/SRE ENGINEER

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## SUMMARY

Highly skilled and detail-oriented DevOps Engineer with 2.3 years of experience in Kubernetes, Docker Containers, Deploying production level applications. Proficient in bash/shell scripting, manage & maintain production clusters, troubleshoot and database management systems. Strong problem-solving skills and ability to work effectively in a team-based environment.

## PROFESSIONAL EXPERIENCE

### Devops/SRE Engineer

Quess Corp | Reliance Project (Client site) Contract | Dec 23 - Present

- Orchestrated **Kubernetes** clusters, managing container deployments, scaling, and monitoring for high availability and fault tolerance.
- Expert in troubleshooting Kubernetes clusters, nodes, and application-related issues.
- System monitoring- disk usage, CPU usage, process monitoring, user process activity, memory activity, network activity using **Grafana, ELK, Rancher** tools.
- Provided daily support to the environment specific issues and Application issues by coordinating with different teams

### Devops/SRE Engineer

ACL Digital | Reliance Project (Client site) Contract | Nov 21 - Nov 23

- Managed and maintained **Kubernetes** clusters, ensuring high availability and scalability for containerized applications. Implemented rolling updates and automatic scaling to accommodate increased workloads during peak usage periods.
- Managing deployments and rollbacks of applications.
- Utilizing log analysis techniques to diagnose and resolve complex technical problems related to Kubernetes pods
- Application monitoring configurations – setting up the **Grafana**.

## EDUCATION

### Mumbai University

Bachelor's Degree in Computer Engineering  
2017–2021

## CERTIFICATIONS

- Certified Kubernetes Administrator (CKA)**  
The Linux Foundation • 2024
- AWS Certified Cloud Practitioner**  
Amazon Web Services • 2023

## SKILLS

- Linux**
- AWS**
- Docker & Kubernetes**
- Terraform**
- Azure**
- Jenkins**
- Git/GitHub**
- SonarQube**
- Grafana, ELK & Rancher**
- Google Cloud**

## KEYSKILLS

- Ability to automate the build process using **Jenkins**, establishing a streamlined **CI/CD** pipeline for continuous build and deployment.
- Integrated the **SonarQube** for static code analysis into Jenkins for automatic testing and quality check, ensuring code quality.
- Implemented **Maven** as a build automation tool to manage project dependencies, streamline builds, and enhance the overall software development life cycle.
- Managed the **JFrog** Artifactory repository, optimizing artifact storage.
- Maintained up-to-date knowledge of emerging security threats and vulnerabilities, utilizing **Trivy's** database to stay informed about the latest security risks.
- Understanding of cloud infrastructure of AWS and computing AMI virtual machines on Elastic compute Cloud (EC2).
- Knowledge on building servers using **AWS**, Launching **EC2** instances, Attaching **EBS** on servers, creating **security groups**, **Auto-scaling**, **S3** management, knowledge in defining virtual private connection (**VPC**).
- Deployed Kubernetes clusters on AWS **EKS**.
- Knowledge in creation of roles, Profiles and users in **IAM**.
- Implemented and configured Amazon **CloudWatch** to monitor and manage the performance of AWS resources, ensuring optimal functionality.
- Infrastructure automation on public cloud platforms AWS using **Terraform**.

## PERSONAL PROJECT

- Accelerated Web App Development with a Jenkins Pipeline Triggered by GitHub Webhook Integration.**

The Jenkins pipeline will be triggered automatically by GitHub Webhook Integration when changes are made to the code repository.

# AUTOMATION

## **Continuous Integration/Continuous Deployment**

Jenkins, GitLab CI/CD to automate the build, test and deployment process.

## **Containerization & Orchestration**

Docker & Kubernetes to automate application deployment and scaling.

## **Scripting and Automation Language**

Shell or Bash used to automate repetitive tasks and build custom automation scripts.

## **Monitoring and Alerting - Grafana**

To automate monitoring, logs analysis and system health check.

## **Infrastructure as Code (IaC)**

To automate infrastructure provisioning and management.

- **EKS Kubernetes Deployment with Prometheus and Grafana Monitoring.**

Explore and implement a manual deployment process for containerized applications to an Amazon EKS cluster, emphasizing Kubernetes orchestration, Prometheus for metrics collection, and Grafana for visualization and analysis.