# Kshitij Koyande

## DevOps Engineer

Aspiring DevOps Engineer with hands-on internship experience and a strong foundation in CI/CD tools like Jenkins, Docker, and Kubernetes. Proficient in Linux, networking, and automation tools such as Ansible and Helm Chart. Eager to contribute and grow in a dynamic organization.

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📍 Thane

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## SKILLS

Linux   Git

Docker

Continuous Integration

Continuous Deployment

CI/CD Jenkins   AWS

AWS Lambda   Helm

Kubernetes   ArgoCD

Shell Scripting

Grafana   Terraform

Networking   MySQL

Prometheus

Ansible

## EDUCATION

### 12th HSC (Maharashtra State Board)
New English School Thane

*06/2013 - 02/2014*     *Thane, Maharashtra*

### BSc IT (Information Technology)
Mumbai University, Kalina, Santacruz

*06/2023 - Present*     *Mumbai, Maharashtra*

## PROJECTS

### Devopsify a mern stack project (11/2024 - 11/2024)
- **IAM Setup & Infrastructure as Code (IaC):** Configured IAM users with role-based permissions and deployed Jenkins servers on AWS EC2 using Terraform and AWS CLI.
- **Kubernetes & EKS Deployment:** Automated EKS cluster setup using eksctl, configured ALB for load balancing, and integrated persistent storage for database pods.
- **DevSecOps Integration:** Designed pipelines for CI/CD with Jenkins, Sonarqube for code quality, and ArgoCD for GitOps-based deployment of three-tier applications.
- **Tools Used:** AWS IAM, Terraform, AWS CLI, Jenkins, Docker, Kubernetes (EKS), Helm, Sonarqube, ArgoCD, Prometheus, Grafana, Trivy, Amazon ECR, ALB.

### AWS Ninja (10/2024 - 10/2024)
- **Ensured compliance** of AWS resources with organizational policies by automating governance workflows in a multi-account cloud environment.
- Designed and implemented **event-driven architectures** using AWS Lambda and Amazon CloudWatch to monitor and enforce compliance for resource provisioning.
- Automated the conversion of non-compliant Amazon EBS volumes from GP2 to GP3 types, improving resource efficiency and cost-effectiveness.
- **Tools Used:** AWS CloudWatch, AWS Lambda, Amazon EventBridge (formerly CloudWatch Events), Amazon EBS, AWS Management Console, and AWS CLI.

### TenX-OS AOSP (10/2019 - Present)
- **Automated Build and Deployment Pipelines** Designed and maintained CI/CD pipelines using **Jenkins** , automating the build, testing, and deployment of Android source code for efficient and error-free ROM development.
- **Environment Setup and Optimization** Configured and optimized build environments on **Linux servers** to ensure seamless integration of dependencies and consistent build performance, reducing build failures by **30%**.
- **Collaborative Source Code Management** Managed and synchronized **Git repositories** to facilitate seamless collaboration among developers, ensuring source code integrity and smooth integration of new features across multiple branches.

## LANGUAGES

English
*Full Professional Proficiency*

Hindi
*Full Professional Proficiency*

Marathi
*Full Professional Proficiency*

## INTERESTS

Custom Android AOSP Developer