

SAKSHI KALE

Pune, Maharashtra

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Education

MIT Academy of Engineering, Pune

November 2021 - June 2025

Bachelor of Technology in Electronics and Telecommunication Engineering (CGPA of **8.73**)

Dr. M.K.Umathe College, Nagpur

July 2019 - August 2021

HSC (Percentage of **92**)

Eklavya Madhyamik School, Jamner, Jalgaon

July 2018 - April 2019

SSC (Percentage of **80.67**)

Internship

NeoSOFT

June 2024 – July 2024

DevOps/Cloud Engineer Intern

Dadar, Mumbai

- Developed and deployed a scalable streaming application using a **CI/CD pipeline**.
- Provisioned AWS infrastructure using Terraform and managed secure AWS access via **IAM users**.
- Integrated **SonarQube** into the CI/CD pipeline for continuous code quality and security analysis.
- Configured **Jenkins** to automate build processes, triggered by **GitHub commits**.
- Deployed the application using Docker containers and managed scalability with **Kubernetes**.
- Monitored application performance in real time using **Prometheus** and **Grafana**.

Hirademy

Aug 2024 – Sep 2024

Software Engineer Intern

Bangalore, India

- Successfully containerized frontend and backend applications using **Docker**, creating two separate containers for each service, improving deployment efficiency and scalability.
- Created and managed a **3-node Kubernetes cluster** using **Minikube** to deploy different Docker containers for frontend, backend, and database services, enhancing resource allocation and scaling capabilities.
- Implemented robust **Authorization and Authentication** mechanisms for backend systems using **JWT (JSON Web Tokens)** and **role-based access control (RBAC)**, ensuring secure access to **APIs** and data.
- Designed and developed **RESTful APIs** for efficient communication between frontend and backend services.

Projects

Scalable CI/CD Pipeline for Streamify Application

May 2024 – June 2024

AWS, Terraform, Jenkins, Docker, Kubernetes

Team size: 1

- Developed a scalable CI/CD pipeline for a **Next.js** streaming application using **Jenkins** and **GitHub**, ensuring automatic testing, building, and deployment.
- Provisioned infrastructure using **Terraform** to manage AWS resources like **EC2** instances and **IAM roles**, enabling secure and consistent deployments.
- Integrated **SonarQube** for continuous code quality and security analysis, improving code reliability and detecting vulnerabilities early.
- Automated the deployment of the application to a **Kubernetes** cluster, ensuring high availability and scalability.
- Set up real-time monitoring using **Prometheus** and **Grafana** for tracking system performance and visualizing metrics.

Streamify | WebLink | Code

Nov 2023 – Jan 2024

NextJs, MongoDB, Prisma

Team size 2

- I wrote **Next.js**, Tailwind CSS. I added Api's of **PostgreSQL** (Neon db), Ngrok, Live Kit, Clerk (for authentication). For video streaming I connected **Node.js with OBS**. This website is used for Live Streaming.

Profile Links

- GitHub
- Portfolio

Technical Skills

Languages: C++, SQL, NoSQL

Frameworks: ReactJS, NextJS

Cloud and Infrastructure: AWS, Terraform, Jenkins, Sonarqube

Version Control and Containerization: Git, GitHub, Docker, Kubernetes

Operating System: Linux