

# AVISHKAR LAKADE

Email ID: avishkarlakade@gmail.com

Mobile: +91-8446445059

LinkedIn: [linkedin.com/in/avishkar-lakade-562a29203](https://www.linkedin.com/in/avishkar-lakade-562a29203)



## OBJECTIVE

Detail-oriented and motivated BCA graduate with practical experience in DevOps, cloud infrastructure, and CI/CD automation. Proficient in deploying scalable, containerized applications using Docker and Kubernetes on AWS platforms such as EC2 and S3. Experienced in implementing CI/CD pipelines using Jenkins and GitHub to streamline application deployment and improve operational efficiency. Strong programming skills in Python and SQL, with a solid understanding of version control, Linux environments, and cloud-native practices. Known for effective teamwork, problem-solving, and time management in fast-paced technical environments.

## Skills

- **Programming Languages:** Python, JavaScript, SQL
- **Web Technologies:** HTML, CSS, Bootstrap
- **DevOps & Cloud:** Docker, Kubernetes, AWS (EC2, S3)
- **Version Control & CI/CD:** Git, Jenkins
- **Operating Systems:** Linux, Windows
- **Behavioural Skills:** Communication, Problem Solving, Team Work

## Education

**Bachelor of Computer Applications** – Kavikulaguru Kalidas Sanskrit University | 2024 | CGPA: 7.69

**HSC: (Higher Secondary Certificate)** – Maharashtra State Board MSBSHSE | 2021 | Percentage: 67.50

**SSC: (Secondary School Certificate)** – Maharashtra State Board MSBSHSE | 2019 | Percentage: 69.60

## Internships

### MERN Stack developer Intern

TCR Innovation | Aug 2023 – Nov 2023

Developed a Flipkart Clone web application using MongoDB, Express.js, React.js, and Node.js in a team of three. Implemented user authentication, product listing, cart functionality, and payment gateway integration. Gained experience in REST APIs, state management (Redux), and responsive UI design.

## TRAININGS OR CERTIFICATIONS

- **Introduction to DevOps** – Great Learning
- **Cloud Certification** – Great Learning
- **Networking Basics** – Cisco
- **Cyber Threat Management** – Cisco
- **Python Fundamentals** – Great Learning

## Projects

### Student Attendance Management System

Developed a web-based Student Attendance Management System using HTML, CSS, JavaScript, Bootstrap, PHP, MySQL, and Apache Server to streamline attendance tracking. The project involved:

- Implementing role-based access for administrators, teachers, and students.
- Recording and managing student attendance with real-time updates.
- Generating attendance reports for analysis and record-keeping.
- Managing user data efficiently using a MySQL database.
- Hosting the system on an Apache server for seamless access.

This system improved attendance tracking and management, ensuring accuracy and accessibility for educational institutions. Registration and login website with secured password

### Containerized CI/CD Deployment using Docker, Kubernetes, and AWS

Designed and implemented a CI/CD pipeline for a Python Notes app using Docker, Docker Hub, GitHub, Kubernetes, and AWS EC2, ensuring a scalable and containerized infrastructure. The project involved:

- Containerizing the application using Docker for consistency and portability.
- Managing version control with GitHub and pushing container images to Docker Hub.
- Setting up Kubernetes for automated deployment, scaling, and management of containers.
- Provisioning AWS EC2 instances to host Kubernetes clusters for high availability.
- Orchestrating deployment using Kubernetes, ensuring fault tolerance and load balancing.

This project optimized the CI/CD workflow, enhancing automation, scalability, and reliability in cloudnative deployments. (<https://github.com/AvishkarLakade3119/django-notes-app.git>)

### CI/CD Pipeline Implementation using AWS, Jenkins, and EC2

Designed and implemented a CI/CD pipeline using AWS, Jenkins, and EC2 to automate the build and deployment of a React-based chatbot application. The project involved:

- Provisioning an AWS EC2 instance (Ubuntu) for Jenkins and application hosting.
- Installing and configuring Jenkins as the CI/CD automation tool.
- Setting up Git on the EC2 instance and configuring Jenkins for source code management.
- Cloning and integrating the chatbot React project from GitHub into Jenkins.
- Automating build steps using Jenkins to install dependencies and create a production-ready Vite build.
- Transferring build artifacts to the EC2 server for hosting.
- Verifying deployment success and configuring Poll SCM in Jenkins for automatic updates.

This project streamlined the frontend deployment process by automating build and deployment tasks, improving reliability and efficiency in DevOps workflows. (<https://github.com/AvishkarLakade3119/Chatbot-React-App.git>)

## INTERESTS, HOBBIES

- Playing piano
- Photography
- Traveling