

Saurabh Gaikwad

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EDUCATION

Pimpri Chinchwad College of Engineering

Bachelor of Technology in Computer Engineering **Grade: 7.6**

Nigdi, Pune

November 2022 – June 2026

Disha Public School and Junior College

Higher Secondary Certificate (XII) **Percentage: 90.67**

Wai, Satara

July 2020 – May 2021

Sadashivrao Mane Vidyalay

Secondary School Certificate (X) **Percentage: 91.40**

Akluj, Solapur

July 2018 – May 2019

TECHNICAL SKILLS

Languages: C/C++, HTML/CSS, JavaScript, Java, Python, R

Frameworks: React.js, Express.js, Node.js, Bootstrap, Tailwind CSS

Databases: MySQL, Oracle SQL, MongoDB

Developer Tools: Git, Github, VS Code, MySQL, RStudio

Others: Map API, Data Structures and Algorithms (DSA), JWT, Object-Oriented Programming (OOP)

EXPERIENCE

ML Research Intern | Milk Adulteration Detection System using Machine Learning

October 2024 – Present

- Collaborated with Raman Research Institute and Bhaskaracharya Pratishthan to analyze milk quality using droplet drying pattern analysis.
- Developed and trained ML models (SVM, Random Forest), achieving over 92% accuracy in adulteration detection.
- Reduced training time by 35% through efficient data preprocessing.

PROJECTS

TradeTrack | React, Node.js, Express.js, MongoDB, REST APIs, Chart.js, Jest

April 2025 – June 2025

- Developed a responsive trading dashboard with JWT-based authentication and real-time financial data integration.
- Visualized 25+ stock insights and portfolio metrics using Chart.js for dynamic data representation.
- Achieved 90% test coverage through unit and integration testing with Jest, improving release confidence.

WanderLust | HTML, CSS, Express.js, MongoDB, Map API, Passport.js

January 2025 – February 2025

- Built a vacation rental listing platform with interactive map search, filters, and property details for 100+ listings.
- Implemented secure user sessions using Passport.js with encrypted credentials and session management.
- Optimized MongoDB queries and map rendering, reducing response time by 20%.

Event Management System | Java, MySQL

September 2024 – October 2024

- Created a centralized system for managing 50+ college events, supporting registration, updates, and cancellations.
- Developed an admin dashboard for live participation tracking and basic analytics.
- Utilized Java and MySQL for efficient backend logic and reliable data storage.

CERTIFICATIONS

- Apna College - Delta 3.0
- Simplilearn - Introduction to SQL
- Simplilearn - Introduction to C Plus Plus
- Crio.do - Java Programming for Beginners

ACHIEVEMENTS

- Completed 200+ DSA questions on coding platforms.
- Awarded a consolation prize among 30 teams for creativity and presentation at the INNOVATE 2024 Visual Dynamics event.