

VAIBHAVI KHALANGRE

☎9579283896 ✉khalangrevaibhavi@gmail.com 🌐<https://www.linkedin.com/in/vaibhavi-khalangre-1a274b23b/>
🐙<https://github.com/VaibhaviKhalangre> LeetCode: https://leetcode.com/u/Vaibhavi_2025/

EDUCATION

JSPM Imperial College of Engineering and Research, Pune, B.E.(CSE), Pursuing - 8.79 CGPA 2023–2026
Government Polytechnic, Latur, Diploma in Information Technology — 86.25% 2020–2023
Mamta Vidyalaya, Gangakhed, Secondary — 90.00% 2013–2020

TECHNICAL SKILLS

Programming Languages	C++, Java, Python, JavaScript.
Frameworks and Libraries	HTML, CSS, Bootstrap, MongoDB, Express.js, React.js, Node.js (MERN Stack).
Version Control	Git, GitHub.
Coursework	Data Structures and Algorithms, Object-Oriented Programming, SQL, Database Management Systems, Operating Systems.

EXPERIENCE

Data Science ML/AI Intern (ScaleFull Technologies) 📍Pune Dec 2024–Feb 2025

- Refined machine learning algorithms using Python and Scikit-learn, achieving a 15% improvement in model prediction accuracy, and identified key features driving the enhanced performance.
- Introduced an AI-powered music recommendation system using Collaborative Filtering, Content-Based Filtering, and TensorFlow, improving user engagement by delivering personalized song suggestions.

MERN Stack Intern (Placify Technologies) 📍remote Oct 2024–Dec 2024

- Built a React.js-based web application that bridges job seekers and employers, enhancing the efficiency of job search and application workflows by 50%.
- Championed creation of user-centric interface designs and robust back-end frameworks, leading to a significant increase in customer feedback scores, with 85% of users reporting improved navigation and overall experience.

PROJECTS

PrepAI — Next.js, Tailwind CSS, GeminiAI:

- A platform for AI-driven personalized mock interviews based on 50+ industry roles and skill sets.
- Webcam access for simulating interview environment, provides performance analysis with score-based metrics (1-10 scale). <https://github.com/VaibhaviKhalangre/prepAI>

Blog-Stream — Node.js, Express.js, MongoDB, React.js, Firebase, Tailwind CSS:

- A full-stack blogging platform, supporting 100+ concurrent users, with robust CRUD operations for posts and user management.
- Integrated three key features—likes, comments, and role-specific dashboards for admin and users with secure authentication. <https://github.com/VaibhaviKhalangre/mern-blog1>

Music Recommender System — Python, ML/AI, Kaggle:

- Engineered machine learning model for personalized content recommendations that processed 500 data points, enhancing customer satisfaction scores by 30% and directly contributing to increased user activity on platform.
- Implemented collaborative and content-based filtering algorithms to enhance recommendation accuracy and user engagement. <https://github.com/VaibhaviKhalangre/Music-Recommendation-System>

College Management System — Java, Swing, AWT, JDBC, MySQL:

- Developed a desktop application to manage student enrollment, faculty records, attendance, and examination data, streamlining administrative operations.
- Utilized object-oriented programming principles and SQL database integration to automate workflows and improve data accuracy. <https://github.com/VaibhaviKhalangre/College-Management-system-java-project1>

CERTIFICATIONS

- Completed the **Data Structures and Algorithms** guided path on Code 360.
- Certified in **C++ Course: Learn the Essentials** by Scaler.
- Concluded the **React.js** course by Infosys Springboard.
- IBM Certification: **Python for Data Science**.

ACHIEVEMENTS

- Solved over 300 DSA Problems across multiple coding platforms LeetCode, HackerRank, CodeChef, GFG.