

MAHESH N. CHAVAN

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EDUCATION

UNIVERSITY OF MUMBAI, Dec 2021 – Apr 2025 | Mumbai, Maharashtra
MCT's Rajiv Gandhi Institute Of Technology (B.E/B.Tech - IT) - Avg. CGPI: 7.19

Higher Secondary Education (HSC), Jan 2018 – Nov 2020 | Mumbai, Maharashtra
BHAVAN'S COLLEGE OF SCIENCE - 60.00%

EXPERIENCE

Software Developer(React-Native), SOFTNIUM Feb 2025 – Sep 2025 | Mumbai, Maharashtra

- Expertise in React Native (CLI and Expo) for mobile application development.
- Designed and optimized UI/UX components for mobile applications, enhancing user experience.
- Gained hands-on experience in software development, debugging, and optimization

PROJECTS

HEART DISEASES PREDICTION(ML), Python, Flask Feb 2024 – Apr 2025

- Developed a Heart Disease Prediction web app using Flask, integrated with a stacking by ensemble learning model.
- Performed data preprocessing, exploratory analysis, and trained models using the Cleveland Heart Disease dataset.
- Implemented ensemble techniques (Voting, Bagging, Boosting, Stacking) to optimize prediction accuracy
- Deployed the model using a Flask API and HTML interface for real-time health risk assessment.

EMPLOYEE MANAGEMENT SYSTEM, Python, Flask, Tkinter, SQL Jun 2023

- Designed and implemented user-friendly graphical interfaces using Tkinter for an Employee Management System, enhancing user experience and accessibility.
- Created secure login and signup functionalities using Flask and SQL, ensuring user data protection and session management for web applications.
- Managed database interactions with SQL, including user authentication and data storage, to support dynamic content generation and user session tracking.
- Performed database operations such as user creation, authentication, and data retrieval using SQL queries

TIME TABLE GENERATOR, HTML, CSS, JS Jan 2023

- Developed a dynamic timetable generator using HTML, CSS, and JavaScript to create and manage class schedules.
- Implemented features to input timetable parameters (days, periods, faculty), generate timetable grids, and assign classes.
- Designed user interfaces for faculty selection and class scheduling, enhancing the user experience.
- Integrated data persistence to save and retrieve timetable data.

STUDENT MANAGEMENT SYSTEM, JavaFX, JDBC, MySQL Jan 2022

- Developed a comprehensive Student Registration Management System to streamline administrative processes. including student admissions, teacher management, course management, and user authentication.
- The system integrates both frontend and backend technologies, leveraging JavaFX for a responsive desktop interface
- Implemented continuous delivery using Auth to build the plugin upon a new release
- The project demonstrates proficiency in full-stack development, database connectivity, and user interface design with MySQL.

TECHNICAL SKILLS

Languages

Java, Python, HTML, CSS, JavaScript, Git.

Frameworks

JavaFX, ReactJS, Flask, React-Native, SpringBoot.

Backend

Node.js, Express.js, RESTful APIs.

Databases

MySQL, MongoDB.