Rupesh Thakur

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Education

Veermata Jijabai Technological Institute, Matunga (VJTI)) **CGPA/Percentage: 8.14 / 73.9**
Post Graduate Degree - M.C.A *2024*

Pratap College, Amalner (PCA) **CGPA/Percentage: 9.48 / 81.35**
Under Graduate Degree - B.Sc CS (North Maharastra University, Jalgaon) *2022*

Pratap College, Amalner (PCA) **Percentage: 70.00**
HSC (Maharashtra State Board), Nashik *2019*

G.S.Highschool, Amalner **Percentage: 86.80**
SSC (Maharashtra State Board), Nashik *2017*

Relevant Coursework

- Data Structures and Algorithm
- Algorithms Analysis
- Database Management System
- Web Technology
- Operating System

Projects

Route Planning Tool | *Node Js, Express Js, React Js, Tailwind CSS, Sqlite* | **GitHub** **February 2024**
- Implemented nearest neighbor algorithm and complementary algorithms to calculate the shortest route connecting user's current location with user's destinations locations.
- Integrated MapBox API for visual route representation.

Travel Diaries | *Node Js, Express Js, React Js, Tailwind CSS, MongoDB, Flowbite-react* | **GitHub** **September 2023**
- Implemented features allowing users to create, edit, and delete travel memories, with captions, using CRUD operations in the backend.
- Utilized Socket.io for real-time chatting in the frontend and backend, ensuring efficient data management and a seamless user experience with 256-bit chat encryption.
- Incorporated authentication mechanisms using JWT tokens to verify user login, ensuring users can only edit or delete their own posts, enhancing security and privacy.
- Added functionality for archiving user posts to prevent other users from seeing them, allowing only the original user to edit or delete them.

Employee Management System | *Java, Servlet, JSP, JDBC, Apache Tomcat 8.0, My SQL* | **GitHub** **March 2022**
- Implemented CRUD operations for the Employee Management System in Java to efficiently manage employee data.
- Designed an interactive UI for the application using JSP, HTML, CSS, and JavaScript, facilitating seamless interaction between different scenes.
- Implemented two types of user roles: Admin (HR or Manager) and User (Employee). Admins have full access to perform CRUD operations on employee data, while Employees can view and update their own details.

Technical Skills

Frontend: React Js, JSP, HTML/ CSS, JavaScript
Backend: Node Js, Express Js, Java, Servlets, JavaScript
Databases: My SQL, SQLite, MongoDB
Developer Tools: VS Code, Eclipse IDE
Technologies/ Frameworks: GitHub

Leadership / Extracurricular

Recruitment Coordinator **January 2023 - Present**
TPO Cordinator *VJTI, Matunga*
- Collaborated with College TPO members to streamline the placement process for students during the placement season.
- Facilitated communication with recruiters on platforms such as LinkedIn, fostering relationships to organize placement drives for students.
- Coordinated with recruiters to schedule and conduct placement drives, ensuring opportunities for students to secure employment.