Manasi Gharat

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https://github.com/Mansi87664

Education

○ **Dr. Babasaheb Ambedkar Technological University, Lonere**
Bachelor of Technology in Computer Engineering
CGPA till now: 6.74   Jan. 2022 – June 2025

○ **Dr. Babasaheb Ambedkar Technological University, Lonere**
Diploma in Computer Engineering
CGPA:9.18   July 2018 – Jan 2022

○ **K.E.S English Medium School, Revadanda**
Secondary Education
Percentage: 87.60   July 2008 – March 2018

Experience

Web Development trainee
ITView , Pune

- As a Web Developer Trainee, embarking a journey to become a proficient web developer
- Under the guidance of experienced professionals,gaining hands-on experience and developing skills in designing, coding, and maintaining websites and web applications
- Learning the Backend Languages like Python,SQL,React.Js,Data Structure and Front end such as HTML,CSS, Javascript,Bootstrap.

Projects

Self Driving Car   Aug 2024 – Jan 2025(Present)

- Self Driving Car adresses both road safety and traffic congestion through a comprehensive system combining CNN-based computer vision, IoT, and ML, demonstrating the potential of autonomous vehicles to reshape modern transportation. The system's scalability, adaptability to changing road conditions, and ability to optimize routes make it a promising solution for the future of sustainable urban mobility.

SafeWalk-Women Safety Device   Jan 2024 – June 2024

- The Women Safety Device is a compact, wearable gadget that integrates GPS and GSM modules to provide real-time location tracking and emergency alerts . The device can be activated by pressing a button , which triggers an alarm and sends an SOS message with the user's location to pre-registered contacts, including family members and local authorities . The device also includes features like a panic button, a flashlight, and a siren to deter potential threat.Real time tracking system that showw that data on webpage.

Algorithm Visualizer   Aug 2023 – Dec 2023

- An algorithm visualizer project using HTML, CSS, and React.js allows users to see how algorithms work step by step, making it easier to understand complex algorithms. The project involves creating a web application where users can select an algorithm (such as sorting or searching algorithms) and a dataset. The application then visually demonstrates how the algorithm processes the dataset, highlighting each step along the way. This project combines the power of React.js for building interactive user interfaces with HTML and CSS for structure and styling, providing an engaging and educational experience for users interested in learning algorithms.

Student Management System March22 – Aug22

- Student Management System Project: Developed a comprehensive solution utilizing HTML, CSS, JavaScript, and Bootstrap for the front end to ensure a responsive and user-friendly interface. Features include adding, updating, and deleting student records, managing courses, and generating reports. The backend, powered by Python, handles data operations, user authentication, data validation, and database management. This integration of technologies creates a robust and efficient student management system tailored to the needs of educational institutions.

Railway Resevation System Sept 2021 – Feb 2022

- Railway Reservation System Project in C++,PHP,HTML,CSS: Crafted a sophisticated platform facilitating user registration, login, and seamless booking experiences, including checking train availability, booking tickets, and managing cancellations. Additionally, the system enables administrators to oversee and modify train schedules, routes, and user accounts via an intuitive admin panel. This project meticulously simulates real-world railway reservation functionalities, ensuring efficient and user-centric ticket management. .

Skills

Technical: HTML,CSS, Python, SQL, Bootstrap,Javascript, C Programming, C++ and Java(basic knowledge), UI/UX(learning).

Achievements

- Student Ambassador of IIC Training
- Microsoft and SAP Certified Foundation Course by Edunet
- IOPE Certified PHP and MySQL Training program by IIT Bombay
- BWS Certified Internship in Full stack Web Development
- Participate in Smart India Hackthon
- University of Leeds and Institute of Coding Certified Introduction to Web Development