

SIDDHANT KOKANE

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Technical Skills

Languages and Databases: JAVA, HTML/CSS, React.js, Next.js, Node.js, MongoDB, SQL, Express, LLM, NLP, Python, JavaScript, Data Structures and Algorithms.

Soft Skills: Team Leading, Project Management, Design Thinking, Problem Solving, Effective Communication.

Projects

WorkWise: Fostering Productivity by Smart Break Scheduling

Jan 2023 - Aug 2023

- This project introduced a software solution that effectively promotes healthy work practices for IT professionals, all while maintaining productivity.
- By utilizing webcam-based motion tracking to monitor shoulder coordinates, we could intelligently recommend employees to take breaks and engage in movement.
- Research paper presented at the ICASET23 conference.

Visual Eureka: Navigating Images Through Textual Queries

July 2023 - Dec 2023

- This software allows users to query text in images present in their devices locally and the software returns all the images consisting of that particular text.
- The methodology for extracting and searching text from images involves a unified approach employing both Tesseract OCR for printed documents and TrOCR for handwritten documents.
- Research paper published in the International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC 2024).

Real Estate Project

Oct 2024 – Dec 2024

- Developed a comprehensive real estate website using the MERN stack (MongoDB, Express.js, React.js, and Node.js), aimed at providing a user-friendly platform for property listings and transactions.
- Built an application that featured an intuitive user interface that allows users to search for properties, view detailed listings, and connect with real estate agents. Implemented responsive design principles to ensure optimal performance across devices and integrated authentication for user accounts, enhancing security and user experience.

SwiftRide - Real-Time Ride Booking Application

Dec 2024 - Present

- Developed a full-stack ride-booking application using React, Node.js, Express, and MongoDB. The application allows users to register, log in, and book rides with captains (drivers). Captains can register, log in, and accept ride requests from users.
- Developed an intuitive, responsive user interface using React to ensure seamless functionality across devices. Integrated secure user authentication with JWT and bcrypt, enhancing data protection and account security. Utilized Google Maps API for live location tracking, enabling real-time ride updates and accurate navigation.

EXTRA CURRICULAR ACTIVITIES

Aatmabodh Volunteer

- The Social Welfare and Development committee of Vishwakarma Institute of Technology, Pune organizes various social activities throughout the year and Aatmabodh is an event where we teach senior citizens how to use smartphones and other devices.

Blood Donation Campaign

- The Social Welfare and Development committee of Vishwakarma Institute of Technology, Pune organizes blood donation campaigns every year and students and faculties from the college actively participate in the campaign in collaboration with Armed Forces Medical College (AFMC Pune).

Education

Vishwakarma Institute of Technology, Pune

Bachelor of Artificial Intelligence and Data Science CGPA: 9.09

Jan 2021 - June 2025

Pune, Maharashtra