Tejas Patil

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ABOUT

A Passionate computer Engineering Student with specialized skills in MERN stack development and Java, complemented by a strong foundation in Data Structures and Algorithms. Demonstrated problem-solving expertise with 150+ Problems solved. Experienced in creating responsive, also learning angular JS high- performance websites for startups and small businesses. Known for delivering scalable solutions and committed to continuous learning in web technologies

EDUCATION

SSVPS Engineering College - Dhule Maharashtra

Bachelor of Technology – Computer Engineering   Dec 2021-25

Computer Engineering

Coursework: Object Oriented Programming, Algorithms, Database Management Systems, Software Engineering, Operating Systems, Computer Networks

CGPA – 7.6

TECHNICAL SKILLS

Languages: Java, OOPs, C, Python, JavaScript, HTML5, PHP, JSX, CSS, Tailwind CSS, SQL, Agile Methodologies SDLC.

Technologies: React JS, Node JS, Mongo DB, Next JS, Express JS, REST, Bootstrap, MySQL .

Tools: Git, git hub, Apache, Linux, AI.

WORK EXPERIENCE

Software Engineering virtual Internship   JPMorgan

During my internship at JPMorgan Chase, I set up the development environment, built a real-time communication system using Socket.io, integrated MongoDB as the database, and connected the application with an external REST API for seamless data exchange. This experience enhanced my skills in MERN development and practical integration techniques, and also learned SDLC Life cycles.

PROJECTS

- **Snappy -Chat Application -*React JS, NodeJS, MongoDB***   Oct - 2024
  Achieved 99% uptime through efficient server management and MongoDB integration.
  Implemented a scalable backend with Node.js and MongoDB, supporting high concurrent users and ensuring low latency.
- **Video Recommendation System – *Jupiter Notebook, Python, Pandas, NumPy, scikit-learn***   April-2024
  Implemented own functions for machine learning algorithms like Vectorization, preprocessing, hierarchical taxonomy, Collaborative Filtering Clickstream Analysis.
- **HealthCare Website**   Feb- 2024
  Developed a secure, full-stack healthcare platform with React, MongoDB, and Node.js, enabling real-time updates and seamless patient data management.
  Engineered robust user authentication, real-time data sync, and RESTful API integration to streamline patient record and health data management.
- **Trip Booking Website**   Nov 2023
  A web application to Browse, Register, Create Events, Provide Feedback etc. for the events hosted in the University
  Optimized website performance by reducing load times to under 2 seconds, enhancing user satisfaction and engagement metrics while implementing responsive design across all devices for seamless accessibility.

Certifications

Frontend Development – PW Skills   2021-2024

Backend Development – PW Skills

CAMPUS AND COMMUNITY INVOLVEMENT

Backstage and Set design Head   **Spandan,** cultural Event, Dhule   2024