Aditya Chavan

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Portfolio website: Portfolio-website

LinkedIn : LinkedIn

Aspiring software developer with a strong foundation in Java, Spring Boot, and React.js, eager to apply technical expertise and problem-solving skills to build innovative solutions. Passionate about optimizing processes and leveraging emerging digital trends to drive efficiency and innovation in technology-driven industries. Committed to continuous learning and collaboration to develop scalable and high-performance applications.

SKILLS

Programming Languages: Java, JavaScript,
Frontend: React.js, HTML/CSS, Bootstrap
Backend: Spring Boot, Node.js, Express.js
Databases: MySQL, MongoDB
Tools & Technologies: RESTful APIs, Git, Postman, Swagger

PROFESSIONAL EXPERIENCE

STEMROBO Technologies   **2023 - 2024**

Innovation Engineer

- Designed and executed diverse microcontroller-based projects utilizing platforms such as Arduino, ESP8266,sensors and other hardware systems to drive innovation in educational technology at STEMROBO Technologies.
- Spearheaded the development and implementation of cutting-edge educational robotics projects aimed at enhancing STEM learning experiences, showcasing innovation.
- Skilled in utilizing block coding, particularly Python, to create engaging and interactive learning modules for K-12 students, fostering a deeper understanding of programming concepts.

EDUCATION

PG Diploma in Advanced Computing   **2024 - 2025**
Centre for Development of Advanced Computing(C-DAC)

Bachelor of Engineering : Electrical   **2017 - 2021**
AISSMS IOIT - Pune

PROJECTS

Streamline Supply Solution – End-to-End Material Supply Management System :

Developed an Enterprise Procurement Management System to optimize procurement workflows, tender submissions, and quotation management for enterprise contractors. The system enhances collaboration, document management, and customer support through a seamless digital platform

- Designed and implemented a user-friendly interface using React.js for tender submissions, product information management, and procurement tracking.
- Developed secure and scalable REST APIs with Spring Boot for procurement operations.
- Structured the database using MySQL to efficiently manage tenders, quotations, documents, and procurement workflows.
- Integrated a quotation system and tender tracking module, enabling real-time status updates and improved decision-making.
- Implemented JWT-based authentication for secure role-based access control across all modules.
- Developed a customer support ticketing system to address contractor inquiries and ensure timely issue resolution.

MovieFlix - Movie Streaming Platform :

Developed a full-stack movie streaming application using React.js for the frontend and Spring Boot for the backend, integrating a real-time REST API to fetch movie details.

- Designed & developed a dynamic movie catalog with search, filtering, and category-based browsing.
- Developed a RESTful API for fetching and managing movie data using Spring Boot, and MySQL.
- Utilized Axios in React to fetch real-time movie details from the backend.
- Handled exceptions gracefully with a global exception-handling mechanism.
- Optimized API performance with caching and pagination.

Doctor-Patient Registration System (MERN Stack, MongoDB, Express.js, React.js, Node.js) :

- Developed a full-stack web application for doctor and patient registration using the MERN stack.
- Built a REST API with Express.js & MongoDB for managing doctor-patient records..
- Built a React.js frontend with React Router for navigation, featuring components for viewing, adding, updating, and deleting patient records.
- Integrated Mongoose ORM for seamless database interaction and CORS middleware for cross-origin requests.
- Ensured scalability and maintainability with modular routing and component-based architecture.
- Used Nodemon for backend development and React Router for client-side routing.

LANGUAGES:

English,Hindi, Marathi