

Aditya Chavan

Phone 9834609627

E-mail adityachavaninfo@gmail.com

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