

# Aditya Chavan

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Portfolio website: [Portfolio-website](#)

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Seeking a role where my adaptability and technical agility, coupled with a keen eye for emerging digital trends and a knack for optimizing processes, can be leveraged to navigate the complexities of modern business challenges and contribute meaningfully to the dynamic landscape of technology-driven industries, propelling forward in an industry at the forefront of innovation.

## 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
- Led the design and execution of 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

## PERSONAL 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.
  - Built a document management system to ensure secure storage, controlled sharing, and easy retrieval of procurement-related documents. 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.
- Implemented a RESTful API with Express.js and MongoDB to handle CRUD operations for doctors and patients.
- 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