

JAYDEB PAL

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SUMMARY

Motivated and detail-oriented Computer Science student with strong foundations in web development, front-end frameworks, and software problem-solving. Proficient in Java, React.js, Node.js, MongoDB, HTML, CSS and js . Skilled in building scalable web applications and interactive user interfaces. Eager to contribute to innovative tech projects in a dynamic, growth-driven organization.

EDUCATION

Guru Nanak Institute of Technology | *Bachelor of Technology*

Kolkata, West Bengal 2021 - 2025

Sevayatan Vidyalaya | *High School*

Jhargram , West Bengal 2014 - 2021

PROJECT

E-commerce Website

- Engineered a full-stack, responsive e-commerce platform for bike parts using HTML, CSS, JavaScript, and Node.js.
- Designed and implemented intuitive UI components for product listings, cart functionality, and checkout using React.js for front-end interactivity.
- Developed server-side logic with Node.js and Express.js, and managed data storage and retrieval using MongoDB, enabling dynamic content and persistent user sessions.
- Optimized performance and applied responsive design principles for 95%+ compatibility across devices and browsers.

Music Player

- Developed a modern, responsive music player interface using HTML and CSS, focusing on intuitive design and usability.
- Implemented essential features including play/pause, volume control, and real-time progress tracking to simulate a dynamic listening experience.
- Enhanced interactivity with smooth animations and transitions, improving visual engagement across various devices.
- Ensured full cross-browser functionality and performance optimization for desktop and mobile platforms.

Real Time Chat App

- Built a real-time chat app using JavaScript and Socket.io with bi-directional messaging and live user tracking.
- Integrated user authentication, message broadcasting, and active user status updates using server-side logic.
- Focused on low-latency performance and responsive design to enhance UX across all devices.

SKILLS

- **Programming Languages:** JAVA, HTML, CSS, JAVASCRIPT
- **Frameworks & Tools:** React.js, Node.js, Socket.io, Tailwind CSS, Express.js
- **Additional Skills:** Problem Solving, Communication Skills, Responsive Design , DSA, GitHub

CERTIFICATE

- **Machine Learning with Python by IBM**
- **Building Web Applications by University of Michigan**
- **Data Structures by University of California San Diego**