

JayPrakash Sharma

[Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [Leetcode](#)

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EDUCATION

Indian Institute of Information Technology, Design and Manufacturing

Bachelor of Technology in Electronics and Communication Engineering

Jabalpur, India

Dec 2021 – Aug 2025

TECHNICAL SKILLS

Languages : JavaScript, Python, C++, HTML, CSS
Frameworks : React.js, Next.js, Express, Node.js
Libraries : Material, Tailwind CSS, Jwt, React Router
Databases : MongoDB
Dev Tools : Visual Studio Code, Git, GitHub

PROJECTS

ChatApp	<i>React.js, SCSS, Node.js, Express, SocketIO</i>	Source Code
<ul style="list-style-type: none">Designed and developed a clean and modern Real-Time chatting website using React.js, SCSS.Implemented real-time chatting feature using SocketIO to provide seamless communication among 100s of users.Developed ReactRouting for web app resulting in 40% faster page loads, 50% higher user retention. Utilized libraries and frameworks for 15% increased engagement, 20% shorter load times.Integrated JWT authentication to enable secure login and signup functionality for an application, resulting in a 90% success rate in authenticating users and preventing unauthorized access.		
AI Based Document Editor (DocAI)	<i>React.js, SCSS, Node.js, Express, SocketIO</i>	Source Code
<ul style="list-style-type: none">Made a full-stack web application using NodeJS serving a REST API with React as the frontend.Deployed AI using OpenAI, that allows the user to fetch relevant content based on user prompts, resulting in a 37% increase in efficiency.Used SocketIO and Operational Transformation (OT) operations to facilitate real-time collaboration and handle concurrency, which led to a 40% boost in team productivity and a 23% increase in collaboration effectiveness.		
Interactive Pricing Component	<i>HTML, CSS, Javascript</i>	Source Code
<ul style="list-style-type: none">Designed and created a website that allows users to view pricing options and change prices using interactive sliders.Created a responsive and visually appealing website using HTML, CSS, and JavaScript that increased page views by 25% and decreased bounce rates by 15%.Implemented a feature that offers a 25% discount on paying annually instead of monthly.Incorporated a user-friendly interface that includes a dark and light mode to enhance user experience, resulting in a 30% increase in user satisfaction and a 20% decrease in user complaints related to eye strain and fatigue.		

ACHIEVEMENTS

- Achieved **1st place** out of 50+ teams in "CanYouHackIt" hackathon for developing a real-time document editor integrated with AI-powered search capabilities.
- Solved **250+** LeetCode coding challenges, demonstrating proficiency in algorithmic problem-solving, data structures, and coding skills.

EXPERIENCE

Open Source Mentor at Bsoc

- Mentored aspiring developers in the Bsoc open-source program, providing guidance, support, and technical expertise to help them contribute effectively to various projects.
- Collaborated with mentees to identify their goals, devise learning plans, and foster a positive learning environment, resulting in their successful contributions to open-source projects within the Bsoc program.