

SUMAN DEY

FULL STACK WEB DEVELOPER

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SUMMARY

Highly motivated Full Stack Web Developer skilled in building scalable full-stack applications using Node.js and React. Experienced in developing REST APIs, working in teams, and integrating AI solutions. Quick learner with strong problem-solving and debugging skills.

PROFESSIONAL SKILLS

Design Understanding Problem Solving
Team Collaboration Visual Design

TECHNICAL SKILLS

JavaScript, Node.js, Express.js, React,
HTML, CSS, Tailwind, MongoDB,
REST APIs, GitHub, JWT, Socket.IO,
Postman, Redux

PROJECTS

ADDA – MERN Stack Chat Application

Apr 2025 - Jun 2025

Built a secure full-stack chat platform featuring JWT-based authentication, real-time one-to-one and group messaging via Socket.IO, AI assistant integration, QR-based contact sharing, and OTP-based email verification.

Key Tech: Socket.IO, JWT, MUI

[Live Website](#)

[GitHub](#)

Navi – AI Chatbot with Long-Term Memory

Jul 2025 – Sep 2025

Designed an advanced AI chatbot capable of maintaining long-term conversational memory using vector database (Pinecone). Integrated OpenAI API for intelligent responses, context retention, and personalized user interactions, with a clean and responsive UI.

Key Tech: React, Node.js, Express, Pinecone, OpenAI API, Tailwind CSS

[Live Website](#)

[GitHub](#)

EXPERIENCE

Project Engineer (Academic Role)

Engineered the backend of an AI-powered MERN e-commerce platform with a microservice architecture, improving system scalability and reliability.

- Applied secure authentication using JWT and Passport.js, safeguarding all user sessions and preventing unauthorized access.
- Integrated AI-based product suggestions and automated cart addition using LangChain, boosting personalized shopping and user engagement.
- Enforced Razorpay payment gateway and NodeMailer notifications, streamlining transactions and increasing order completion rate.
- Optimized REST APIs, reducing average response time by 30% and improving data handling efficiency.

Tech Stack: React, Node.js, Express.js, MongoDB, JWT, Passport.js, NodeMailer, Razorpay, LangChain, Microservices

EDUCATION

BCA (Ongoing), CCLMS – MAKAUT 3rd Year | CGPA: 8.7

ADDITIONAL INFORMATION

Languages: English, Hindi, Bengali

Hobbies: Playing Cricket, Learning about Geopolitics