

# SUMAN DEY

## FULL STACK WEB DEVELOPER

Contact | [sumandey0704@gmail.com](mailto:sumandey0704@gmail.com) | [GitHub](#) | [LinkedIn](#) | 8597732088

---

### 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