Suman Saha

sumansahaweb.dev@gmail.com | +91 7797607126 | Linkedin: **Suman Saha** | GitHub: **Suman29052003** | **Portfolio**

EDUCATION

IMPS College of Engineering and Technology,   Malda, West Bengal
B. Tech in Computer Science   (Expected Graduation: Jun 2025)

PROFILE SUMMARY

Innovative Full Stack Developer with a strong foundation in BASIC programming principles and advanced web technologies. Eager to collaborate on implementing scalable solutions in a dynamic software development environment.

- Expertise in MERN Stack **(MongoDB, Express.js, React, Node.js)** for building robust and scalable web applications
- Proven ability to collaborate effectively with cross-functional teams to implement innovative solutions
- Committed to continuous learning and applying best practices to enhance software scalability and performance
- Currently learning Solidity for blockchain development to expand knowledge in decentralized applications and smart contracts

TECHNICAL SKILLS

- Programming: JavaScript, HTML, CSS, React.js, Node.js, Express.js, Solidity
- Database: MongoDB
- Tools & Practices: VS Code, Tailwind CSS, Git, Agile methodologies, RESTful API design
- Soft Skills: Collaborative problem-solving, Effective communication, Scalability-focused design

PROJECTS

Full-Stack Voting System
Developed and implemented a secure, scalable voting system using modern web technologies.
Key Contributions:
- Collaborated with UX designers to implement responsive Front-End interfaces using React and Tailwind CSS
- Designed and developed scalable RESTful APIs using Express.js, focusing on performance and maintainability
- Implemented MongoDB integration for efficient data management, optimizing for scalability
- Enhanced system security by implementing JWT for user authentication
- Utilized Postman to test and document API endpoints, ensuring robust functionality

E-Learning Platform (EduQuest)
Created a scalable e-commerce platform for grocery delivery, implementing solutions for performance and user experience.
Key Contributions:
- Built a comprehensive e-learning platform using the MERN stack
- Integrated Razor Pay for secure payment processing
- Implemented user authentication and authorization using JWT
- Developed a responsive and intuitive user interface with React.js and Tailwind CSS
- Created RESTful APIs for course management and user interactions

ADDITIONAL INFORMATION

- Active contributor to open-source projects, collaborating with developers globally to implement innovative solutions
- Participated in coding hackathons, demonstrating ability to rapidly implement ideas in a collaborative environment
- Constantly expanding knowledge of scalability patterns and best practices through online courses and tech conferences

BASIC PROGRAMMING SKILLS

- Proficient in fundamental BASIC programming concepts, applying these principles to modern web development
- Leveraged BASIC knowledge to enhance logical thinking and problem-solving in complex software projects