

Sandip Kora

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SUMMARY

Front End Developer | MERN Stack Developer | Expert in Scalable, High-Performance Web Applications Skilled Front End Developer with hands-on experience building fast, responsive, and maintainable web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js). Proficient in HTML5, CSS3, JavaScript (ES6+), and frameworks such as React.js and Angular. Experienced in building modular front-end components, implementing RESTful APIs, and optimizing application performance for scalability. Strong background in cross-browser compatibility, code versioning with Git, and deployment workflows. Proven track record of contributing to full project lifecycles, collaborating in Agile teams, and delivering production-ready solutions aligned with business requirements.

EXPERIENCE

Project Intern

CDAC Kolkata

March 2025 - Present, Kolkata

- Developed a Facial Recognition-Based Attendance Management System using the MERN stack, contributing to a solution aimed at improving attendance accuracy by over 90%.
- Designed and implemented 15+ RESTful APIs to handle user authentication, attendance logging, and facial recognition integration.
- Integrated facial recognition libraries, enabling automated attendance for 50+ users with real-time verification.
- Structured and optimized a MongoDB database with 10+ collections, improving data retrieval speed by 30%.
- Collaborated with a team of 4+ developers to ensure seamless API integration with the front end, reducing data sync issues by 40%.

PROJECT

Blog Website

github.com/Sandipkora/MERN_Blog

• May 2023 - March 2023

- Designed and developed a full-stack blog platform using MongoDB, Express.js, React.js, and Node.js.
- Implemented JWT-based user authentication and role-based access control to ensure secure login and content management.
- Built a custom rich-text editor to enable seamless blog post creation and formatting.
- Developed an admin dashboard to efficiently manage 50+ users, blog posts, and user comments.
- Utilized MongoDB for structured content storage and managed application state using Redux and Context API to ensure efficient data handling.
- Deployed the application on Render, achieving 99.9% uptime for live production access.

EDUCATION

Bachelor of Technology

Minor in Information Technology • University of Kalyani • Kalyani, West Bengal • 2023 • 7.5

Bidhan Chandra Institute(WBCHSE) - Higher Secondary Education

Minor in PCM • Durgapur, West Bengal • 2019 • 54.60%

Satya Narayan Academy(CBSE) - Secondary Education

Bankura, West Bengal • 2017 • 7.6

CERTIFICATIONS

Goldman Sachs Software Engineer Virtual Experience Program

Forage • 2022

- Completed a virtual internship simulating core responsibilities of a Software Engineer at Goldman Sachs.
- Executed a project involving analysis and decryption of a compromised password database using scripting and security techniques.
- Applied principles of cybersecurity, data processing, and algorithmic analysis to identify vulnerabilities and improve data integrity.
- Practiced debugging workflows, secure coding standards, and data validation processes aligned with enterprise-level engineering practices.
- Enhanced proficiency in scripting, analytical thinking, and secure system design within a real-world simulation environment.

SKILLS

Programming Languages: C++, HTML, CSS, JavaScript

Web Technologies: Node.js, SQL, React