

Soumyadip Bhattacharya

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in [LinkedIn](#) [Github](#) ✉️ <https://portfolio-frontend-g4sh.onrender.com>

Skills

Languages: JavaScript (ES6+), Python, Java, C, SQL

Web Technologies & Frameworks: React.js, Redux Toolkit, HTML5, CSS3, Tailwind CSS, UI/UX Design

Backend: Node.js, Express.js, REST APIs, JWT Authentication

Databases: MongoDB, Mongoose, MySQL, Git, GitHub, Docker, Kubernetes

Cloud & Platforms: AWS, .NET

Core Skills & Technologies: WebRTC, Data Structures & Algorithms, OOP

Work Experience

Fusion Techlab |

2025 – Present

Frontend Developer Intern (React.js) Kolkata, West Bengal (Remote)

- Translate UI/UX designs into efficient, high-quality code using React.js to build responsive and scalable user interfaces.
- Collaborate with cross-functional teams to integrate third-party APIs and ensure seamless user experiences.

AICTE | Data Analytics Using AI-LLMS Intern |

Oct 2024 – Dec 2024

- Analysed 10K+ agricultural records, improving crop yield prediction accuracy by 15% by identifying key patterns in soil and rainfall data.
- Utilized LLM-assisted analysis to process over 50K research entries, cutting report preparation time by 30%.

Education

NSHM Knowledge Campus, Durgapur

June 2022 - June 2026

B.Tech in Computer Science and Engineering

Relevant Coursework: Object Oriented Programming, Databases, Discrete Math's, Data Structures and Algorithms, Operating Systems, Computer Networks, DBMS, Machine Learning, Advance Data Structures and Algorithms.

CGPA: 7.77

Projects

Zero-One (Stock trading platform) |

[GitHub](#)

Tech Stack: MERN Stack, WebSocket's, REST APIs, JWT

- Architected a high-performance stock trading platform, similar to Zerodha, designed to deliver real-time market data.
- Integrated WebSocket streaming for live price updates and implemented a robust, secure authentication system.

Project Sigma (AI Portfolio Website) |

[GitHub](#)

Tech Stack: React.js, Node.js, Express.js, MongoDB, Google Gemini AI, Resend API

- Engineered a conversational AI assistant that provides intelligent, voice-enabled answers about my skills and projects based on a custom knowledge base.
- Developed a dynamic, multi-theme frontend with complex animations and a secure backend for the contact form and AI logic.

Video Conferencing Application |

[GitHub](#)

Tech Stack: React.js, Node.js, WebRTC, Socket.io

- Built a real-time video chat application with features for multi-user calls, screen sharing, and in-app messaging, showcasing a strong understanding of WebRTC.

Certificates

- Full-stack Web Development | *Apna College*
- Ethical Hacking | *Internshala Training*
- Data Structures & Algorithms Using Java | *PW Skills*