

SUMAN ROY

☎ +91 74396 22424 Kolkata, India

✉ iamsuman898@gmail.com github.com/Suman373 [in linkedin.com/in/sumanroy369](https://www.linkedin.com/in/sumanroy369)

EXPERIENCE

FutureBlink

Jan 2025 - Apr 2025, Remote

Software Development Intern

- Integrated **5+** deployment-ready features that accelerated rollout cycles.
- Performed **troubleshooting** and improved **compatibility** of the apps with premium themes by **30%**.
- Enhanced storefront customization by implementing **custom CSS injection** and rich text editor support.
- Resolved **10+ merchant-facing bugs**, improving storefront **reliability** and **reducing potential support requests**.
- Technologies used: **Remix, Polaris, GraphQL, HTML, CSS, Javascript, MongoDB.**

TECHNICAL SKILLS

Languages & Technologies	JavaScript, Typescript, ReactJS, Node.js, Tailwind CSS, HTML5, REST
Databases	MongoDB
Version Control Tools	Git, Github, Bitbucket
Testing	Postman, Jest
Other	Docker, Jira

PROJECTS

Fundraising and Charity Platform

- Built a full-stack platform simulating real-world fundraising with **JWT-based authentication**, **CRUD** operations, and **Stripe** payment processing using MongoDB transactions.
- Developed backend services to auto-generate PDF receipts and send emails.
- Technologies used: **ReactJs, Node.js, MongoDB Atlas, JWT, Firebase, Stripe, Nodemailer** ([GitHub repo](#))

Self-Driving Car with Artificial Neural Network

- Implemented a browser-based self-driving car simulation using **Artificial Neural Networks** for decision-making and **ray-based sensors** for environment perception.
- Built a **collision detection system** with road borders and traffic vehicles, enabling realistic simulation of autonomous navigation.
- Technologies used: **JavaScript, HTML5, CSS3** ([GitHub repo](#))

Real-time Communication Platform

- Created real-time room-based chat with emojis and encrypted messages using CryptoJS.
- Established **WebSockets** for **real-time**, bidirectional communication, enabling instant sending and receiving of messages through event-based triggers in the chat application.
- Technologies used: **ReactJs, Sass, Node.js, Socket.io** ([GitHub repo](#))

ACHIEVEMENTS AND LEADERSHIP

- **Top 50 Open Source Mentor** for GSSoC'24 Extended - Guided contributors, resolved project issues, and performed code reviews (Oct 2024)

EDUCATION

B.Tech in Computer Science and Engineering, NITMAS

Jun 2025