

Sarthak Chatterjee

✉ sarthatc@gmail.com ☎ +917586969739 🔗 LinkedIn 🌐 Github 📁 Portfolio 📝 Blogs

SUMMARY

Software Engineer with around 2 years of experience in developing scalable solutions. Skilled in React, Redux, and Node.js, I specialize in building high-performance web applications that are both responsive and user-centric, with a strong focus on writing clean, optimized code that ensures scalability and maintainability.

SKILLS

Programming Languages

JavaScript, TypeScript, HTML, CSS, Java, Liquid

Frameworks, SDKs, Libraries

ReactJS, React Native, Redux, Context API, NodeJS, ExpressJS, Bootstrap, Material-UI, Jest, React Testing Library

IDEs & Software Packages

npm, yarn

Tools & Services

Git, Github, Jira, Figma, Postman

Database

MongoDB, PostgreSQL

EDUCATION

B.Tech in Electronics and Communication Engineering

Cooch Behar Government Engineering College

08/2019 – 08/2023

- **Grade:** 9.2
- **Graduation Year:** 2023

PERSONAL PRODUCT

React, Typescript, React-Redux, NodeJS, ExpressJS, PostgreSQL

- Developed a comprehensive business and inventory management application to efficiently handle billing, stock, and reporting. The system features GST-compliant invoicing, real-time stock tracking, and sales analytics. Deployment in progress.

PROFESSIONAL EXPERIENCE

Frontend Developer

Ecom Experts ✉

08/2025 – Present | Montreal, Quebec, Canada (Remote)

- Created new features and implemented a pixel-perfect redesign following best design practices using **React, HTML, CSS, JavaScript, and Liquid**.
- Implemented a backorder functionality for international B2B customers, ensuring domestic customers remain ineligible based on business rules and regional logic.
- **Developed checkout extension** to display **product recommendations** on the checkout page, enhancing user experience and upsell opportunities using **React.js**.
- Implemented **GTM** and Google Analytics, and developed custom tracking pixels to monitor and analyze customer interactions and event data, improving data accuracy and marketing attribution by **40%**.

Associate Software Engineer

Tech Mahindra ✉

03/2024 – 07/2025 | Kolkata, India

Worked as a **Frontend Developer**, building **eCommerce** solutions at **BORN Group** ✉ (A Tech Mahindra Company).

- Developed and rebranded the storefront according to client specifications and design using **React, JavaScript, HTML, and CSS**. Reduced the number of unnecessary external scripts, used lazy loading and optimized the store performance, **improving load time by 15%**.
- Implemented custom features and functionalities using Shopify's **Liquid** templating language and **Shopify Ajax API** to enhance store interactivity and user experience. Additionally, performed data migration and developed extensions using **Node.js** and **React.js**.
- Identified and resolved complex technical issues to enhance platform stability and performance, contributing to a **35% increase in customer retention**.
- Maintained code quality, adhered to coding standards, and performed code refactoring across all development phases.
- Collaborated within **Agile** teams, working in **sprints**, and effectively used **Jira** for planning, tracking, and managing development tasks.
- Managed version control and collaboration workflows using **Git** and **GitHub**.

Full Stack Developer Intern

iNeuron.ai ✉

07/2023 – 09/2023 | Remote

- Developed a user-friendly UI using **React.js** with **Node.js, Redux**, user authentication, **CDN** image uploads, and improved page performance by **20%**.
- Handled data processing through **RESTful APIs**, implemented payment method.

PROJECTS

DevBook ✉

ReactJS, React-Redux, NodeJS, ExpressJS, MongoDB

- **DevBook** fosters collaboration and knowledge-sharing within the developer community.
- **Markdown** support for **code language** tagging in posts.
- Managed the state with **Redux** and secured with **jwt authentication**.

View Website ✉ / **GitHub Link** ✉

E-MARKET ✉

ReactJS, React-Redux, NodeJS, ExpressJS, MongoDB

- A **MERN Stack** E-Commerce web app with **admin panel** to manage products, users, orders, and **roles**.
- Implemented user **reviews** and **ratings** functionality, also added filters for price, category, and rating. Incorporated **Stripe payment gateway**.
- Secured the application with **jwt authentication**.
- Used **Nodemailer** for **registration confirmation** and **password reset** emails.

View Website ✉ / **GitHub Link** ✉