

Sarthak Chatterjee

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🐙 Github

🔗 Portfolio

DEV Blogs

SUMMARY

Software Engineer with 1+ years of experience specializing in building scalable Shopify, React, and Node.js-based eCommerce solutions. Proficient in creating responsive web applications, optimizing UI/UX, optimizing development workflows, reducing iteration cycles, and improving efficiency in project delivery.

SKILLS

Programming Languages

JavaScript, HTML, CSS, Java, Liquid

Frameworks, SDKs, Libraries

ReactJS, React Native, Redux, NodeJS, ExpressJS, Bootstrap, Material-UI

IDEs & Software Packages

npm, yarn

Tools & Utilities

Git, Github, Jira, Figma, Postman

Database

MongoDB

TECHNICAL BLOG

Promise in JavaScript

ReactJS Performance Optimization: Best Practices

EDUCATION

B.Tech in Electronics and Communication Engineering

Cooch Behar Government Engineering College

08/2019 – 08/2023

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

Jalpaiguri Zilla School

07/2018

- **Percentage:** 81

PROFESSIONAL EXPERIENCE

Associate Software Engineer

Tech Mahindra

03/2024 – present | Kolkata, India

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

- Developed and rebranded the frontend of Shopify stores according to client specifications and design using **HTML**, **CSS**, and **JavaScript**. Reduced the number of unnecessary external scripts, used lazy loading and optimized Shopify storefronts, **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**.
- **Debugged** and **troubleshooted** technical issues to ensure optimal functionality, leading to a **35% increase in customer retention**.
- Maintained code quality, adhered to coding standards, and performed code refactoring across all development phases.
- Optimized development workflows, **reducing iteration cycles to a lower frequency** and improving efficiency in project delivery.
- 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 **REST API**, 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.
- Secured the application with **jwt authentication**.
- Used **Nodemailer** for **registration confirmation** and **password reset** emails.
- Incorporated **Stripe payment gateway**.

View Website / **GitHub Link**

PostBook

React Native, NodeJS, ExpressJS, MongoDB

- Mobile app to create, edit, and manage posts with user authentication, real-time interactions, **refresh control**, seamless content sharing, and **skeleton loading** while fetching data.

GitHub Link