

# S M Masrafi

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Portfolio

## SUMMARY

Frontend Developer specializing in building responsive, interactive web applications with React.js, Next.js, and TypeScript. Skilled in state management using Context API and handling forms with React Hook Form and Zod for reliable validation. Committed to delivering scalable, maintainable solutions and seamless user experiences.

## TECHNICAL SKILLS

- **Frontend Technologies:** HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, Tailwind CSS, Vite
- **Libraries & Tools:** React Router, React-hook-form, Zod, Shadcn, Embla Carousel, Context API, Redux Toolkit, Figma, Canva
- **Backend Technologies:** Node.js, Express.js, RESTful APIs
- **Databases:** MongoDB, Mongoose
- **Development Tools:** Git, GitHub, Postman, VS Code, Netlify, Vercel

## PROJECTS

**BoiZaar** — *Next.js, TypeScript, Zustand* — [Link](#) — [Github Repo](#) 2025 - Present (Ongoing)

**Contributors** — *Md. Akash & Md. Ruhul Amin*

- Developing an online academic book marketplace with Next.js for buying and selling books in Bangladesh.
- Engineered a responsive and intuitive user interface with Next.js, focusing on a seamless user experience for book posting, searching, and direct messaging.
- Integrating Zustand for efficient global state management and scalable app architecture.
- Designing a responsive UI using Tailwind CSS and Shadcn UI for modern, accessible design.

**My Task Manager** — *TypeScript, Next.js, Redux-toolkit* — [Link](#) — [Github Repo](#) 2025 - Present (Ongoing)

- Developing a full-stack task manager app with Next.js, Express.js, and Redux Toolkit, integrating JWT authentication and REST APIs
- Implementing CRUD functionality (create, read, update, delete) for tasks with persistent backend storage, enabling users to manage todos in real time.
- Building a responsive UI using Tailwind CSS and Shadcn UI library for cross-device usability.
- Setting up state management with Redux Toolkit, handling asynchronous API calls with proper loading and error states for a smooth user experience.

**Estatery** — *Next.js, Typescript, Zod, React-hook-form, Zustand* — [Link](#) — [Github Repo](#) 2025 - Present (Ongoing)

- Building an interactive real estate app with Next.js, TypeScript, Tailwind CSS, and Shadcn/ui for property listing and search.
- Implemented Embla Carousel for dynamic property browsing.
- Using React Hook Form with Zod for easy and reliable form handling.
- Using Zustand for global state handling.

**Practice Project** —

**CineTicket** — *Next.js, Typescript* — [Link](#) — [Github Repo](#) 2025

**Note:** Booking button that triggers an onClick event to capture selected seats and log booking details to the console

- Built a config-driven cinema seat booking component in React.js with TypeScript, supporting multiple seat types, dynamic rows, and aisle layouts.
- Enabled interactive seat selection, booked seat prevention, and live total price calculation.
- Optimized rendering using useMemo and built a reusable, responsive UI component with Tailwind CSS.

## EDUCATION

**Uttara University**  
*Bachelor of Science in Computer Science & Engineering*

Enrolled: 2025  
*Currently Studying*

**Rajshahi Polytechnic Institute**  
*Diploma in Computer Technology*

Completed: 2024  
*CGPA: 3.59*

## ADDITIONAL SKILLS

- **Soft Skills:** Communication, Teamwork & Collaboration, Problem Solving, Adaptability
- **Languages:** Bengali (Native), English (Fluent)