Sneha Sarkar

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🔗 Linkedin | Github | Geeksforgeeks | My Portfolio

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Skills

- **Programming Languages** : CSS, TypeScript, HTML, Javascript, Java
- **Libraries and Frameworks** : React, Redux, Express.js, Node.js, Next.JS
- **Tools** : MongoDB, SQL, Git, REST API, No SQL, CI/CD, Azure, postman, MUI, MySQL, MERN, GitHub

Experience

Frontend Developer Intern   Mar 2025 - Present

Nura9 Technologies

- Developed and optimized **10+** responsive UIs using **React.js**, **Redux**, and **Tailwind CSS**, improving page load times by **25%** and reducing re-renders by **15%**.
- **Collaborated with designers and backend engineers** to integrate **10+ RESTful APIs (Axios, Fetch),** improving feature delivery speed by **20%**.
- Improved UI/UX through accessibility and performance optimizations, achieving **95% Lighthouse accessibility scores** across key modules.
- **Boosted app stability** by partnering with QA to resolve **50+ cross-browser and device issues**, reducing average bug resolution time by **30%**.
- Built **10+ reusable React components** from **Figma** designs, reducing development time per feature by **20%**.

Projects

Crosschain-Messenger

🔗 crosschain-messenger-one.vercel.app

https://github.com/sneha619/Crosschain-Messenger

- Built a **cross-chain messaging DApp** using Next.js, TypeScript, and Tailwind, enabling secure communication across EVM-compatible blockchains.
- Designed a **responsive UI** with theme toggling, **Framer Motion animations**, and **Radix UI** for accessibility.
- Optimized state management and async data handling with **React Query**, improving data fetch efficiency by ~**30**%.

Tech stack: Next.js (App Router), TypeScript, Tailwind CSS, Radix UI, Framer Motion, React Query, MetaMask, Hyperlane, shadcn/ui

Todo List webpage

🔗 https://todo-frontend-wgje.onrender.com/

https://github.com/sneha619/Todo_List-App

- Created a full-stack task manager with **React**, **Express.js**, and **MongoDB**, and **Tailwind CSS** deployed it on **Render**.
- Implemented **JWT-based authentication** with token refresh, **HttpOnly cookies**, and blacklist checks for secure sessions.
- Added **task filtering (All, Active, Completed), pagination,** and **drag-and-drop** reordering to improve usability
- Reduced API response times and frontend re-renders by ~**25%** via middleware optimization and **lazy loading**.

Tech stack: React.js, TypeScript, Tailwind CSS, Express.js, MongoDB, JWT, Playwright

BookMyShow Clone

🔗 https://github.com/sneha619/BookMyShow

- Built a **movie ticket booking web app** replicating core BookMyShow features using React.js, Redux, Node.js, and MongoDB.
- Secured user sessions with **bcrypt, JWT, and cookie-parser**, ensuring safe authentication and authorization.
- Developed dynamic **movie listing, booking flows, and MongoDB schemas** for users, movies, and bookings.
- Integrated **RESTful APIs** to improve booking performance and data flow.

Tech stack : React.js, Redux, Node.js, Express.js, MongoDB, bcrypt, JWT, cookie-parser, RESTful APIs

Achievements

- **Scaler Certifications:** High-Level Design, Data Structures and Algorithms, JavaScript, React, Database and SQL, MERN
- **Creative**: Awarded multiple times for artwork at ICCR, Kolkata, among 100+ participants.

Education

Scaler   2024

Specialized in Software Development & Problem Solving
(Frontend & Backend)

University Of Calcutta   2020

BA

DIPLOMA