

## Skills

- CSS, React, Redux, Express.js, Node.js, TypeScript, MongoDB, HTML, Javascript, SQL, Git, Next.JS, REST API, No SQL, CI/CD, Azure, Java, postman, MUI

## Experience

### Frontend Developer Intern

Mar 2025 - Present

#### Nura9 Technologies

- Developed and optimized user interfaces using **React.js**, **Redux**, **JavaScript**, **HTML**, **CSS**, and **Tailwind CSS**.
- Collaborated with **cross-functional teams**, including designers and backend developers, to integrate **RESTful APIs** using **Axios** and **Fetch**, ensuring seamless data exchange and a cohesive user experience.
- Improved **UI/UX** by ensuring accessibility and performance optimizations.
- Worked with version control tools like **Git** for efficient collaboration and code management.
- Worked with QA to identify and **fixed bugs** across browsers and devices, cutting resolution time and boosting app stability.
- Assisted in developing reusable components and **translating Figma designs** into **responsive, user-friendly interfaces**, enhancing overall code efficiency.

## Projects

### Crosschain-Messenger

🔗 [crosschain-messenger-one.vercel.app](https://crosschain-messenger-one.vercel.app)

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

- Built a modern cross-chain messaging DApp using **Next.js**, **TypeScript**, and **Tailwind CSS**, enabling users to send messages across EVM-compatible blockchains via the Hyperlane protocol.
- Designed a sleek, **responsive user interface** with theme toggling and **Framer Motion animations** to improve interactivity and accessibility.
- Integrated MetaMask for secure wallet authentication and smooth blockchain communication.
- Used **Radix UI** components and **shadcn/ui** styling rules to create accessible and **reusable UI components**, ensuring visual consistency.
- Implemented state management and asynchronous data handling with **React Query**.

**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](https://github.com/sneha619/ToDo_List-App)

- Developed a full-stack task management web application using **React**, **Express.js**, and **MongoDB**, featuring a responsive design powered by **Tailwind CSS** for optimal cross-device usability.
- Implemented secure **JWT-based authentication** with access and **refresh tokens**, including token revocation and **HttpOnly cookie handling**.
- Integrated advanced filtering (All, Active, Completed) and pagination for improved user navigation and task tracking.
- Added **drag-and-drop functionality** for seamless task reordering, enhancing interactivity.
- Optimized backend using **middleware** for **token verification**, **blacklist checks**, and **error handling**.
- **Reduced API** response times and frontend re-renders through efficient state management and **lazy loading**.
- Achieved 30% improvement in task management efficiency with automated token refresh and **intuitive UI/UX**.

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

### BookMyShow Clone

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

- Built a dynamic web application replicating the core functionality of BookMyShow for movie ticket booking.
- Implemented user **authentication** and **authorization** using **bcrypt**, **JWT**, and **cookie-parser** for **secure session management**.
- Developed a responsive and interactive movie listing and booking UI using **React.js** and **Redux** for **state management**.
- Executed backend functionality with **Node.js** and **Express** to manage APIs and database operations.
- Created a **MongoDB** schema for movies, users, and bookings to support robust data management.
- Ensured secure communication between frontend and backend through **RESTful APIs**.

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

## Achievements

- **Technical certifications from Scaler** - 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

<b>Scaler</b> Specialized in Software Development & Problem Solving (Frontend & Backend)	2024
<b>University Of Calcutta</b> BA	2020
<b>South Kolkata Youth Computer Training Center</b> DIPLOMA	2013