Sneha Sarkar

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Skills

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

Experience

Frontend Developer Intern   Apr 2025 - Present
Nura9 Technologies

- Developed and optimized user interfaces using **React.js, Redux, JavaScript, HTML, CSS,** and **Tailwind CSS**.
- Collaborated with backend developers to integrate **RESTful APIs** using **Axios** and **Fetch** for seamless data exchange.
- Improved **UI/UX** by ensuring accessibility and performance optimizations.
- Debugged and resolved frontend issues, ensuring a smooth user experience.
- 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

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.js 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.
- Tested and debugged the application to enhance performance and reliability.

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

Todo List webpage
🔗 https://todo-frontend-wgje.onrender.com/
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.
- Enabled users to perform full CRUD operations on tasks, including adding, editing, deleting, and marking tasks as completed.
- 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

IMDB Web App
🔗 https://imdb-site-dvre.onrender.com
https://github.com/sneha619/IMDB_site

- Architected a scalable movie listing platform leveraging React.js, enhancing user experience with , reusable components.
- Leveraged TMDb API to fetch real-time movie data, ensuring accurate and updated content.
- Developed a user-friendly movie rating system with watchlist support and local storage persistence.
- Designed a responsive UI, implementing lazy loading to achieve a 30% reduction in initial load time.
- Applied advanced search functionality to filter movies, enhancing interactivity and retention rates

Tech stack : React.js, HTML5, CSS3, TMDb API, Local Storage

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

Scaler   2024
Specialized in Software Development & Problem Solving
(Frontend & Backend)

University Of Calcutta   2020
BA

South Kolkata Youth Computer Training Center   2013
DIPLOMA