Suchishree Sengupta

Frontend Developer | University of Calcutta | React, Next.js, Redux Toolkit

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Summary

Entry-Level **Frontend Developer** with passion for creating performant web applications using **HTML5**, **CSS3**, and **JavaScript**. Developed a **React**-based E-commerce app featuring CRUD operations and **lazy loading**, enhancing performance by optimizing loading times. Skilled in using **Next.js** for server-side rendering and implementing secure user authentication with JWT tokens. Proficient in **Redux Toolkit** for state management, ensuring data persistence in dynamic user interfaces.

Skills

Programming Languages

HTML5 │ CSS3 │ JavaScript │ C

Tools and Frameworks

React │ Next.js │ Redux Toolkit │ MUI (Material UI) │ Bootstrap │ Git │ Netlify │ React Query │ Visual Studio Code │ Figma

Projects

Medinest Healthcare Appointment Booking Platform

- Built a **Next.js platform** with **role-based access** and seamless authentication to increase user bookings.
- Enhanced security using **middleware protection** and **robust authentication.**
- Applied **Redux** for state management, improving code structure and reducing debugging time.
- Boosted performance with **SSR** and **SSG** for faster load times.

Itemize E-commerce Web Application

- Developed a React web app with **JWT authentication**, **CRUD operations**, and a **responsive UI.**
- Enhanced performance using **lazy loading** and **React Suspense.**
- Improved state management and efficiency with **Redux Toolkit.**
- Strengthened login security with **JWT-based authentication.**

ClickShop E-commerce Web Application

- Built a fully responsive e-commerce frontend using **Next.js** and **Material UI (MUI)** for a modern and clean UI.
- Implemented **Redux Toolkit** for efficient state management of cart and wishlist features.
- Integrated a **mock payment gateway** using a fake API to simulate the checkout process.
- Developed **product filtering and sorting** functionalities to enhance user experience.

Certification

Frontend Web Designing using React

- Completed coursework from Webskitters Academy focusing on modern frontend technologies and best practices in React development.

Education

M.Sc. Computer Science	2008 - 2010
University of Calcutta	**76%**
B.Sc. Computer Science (Hons.)	2005 - 2008
University of Calcutta	**67%**