

# R . SUBASH CHANDRA BOSE

7845442450 • subashchandraboseravi45@gmail.com • <https://www.linkedin.com/in/subash-profile> • <https://github.com/Bgmi10>

## Skills

React js • Javascript • GitHub • Firebase • RTK • Node js • MongoDB • Material UI • Express js • HTML • CSS • Unit testing • Api integration • Socket.io

## Projects

### Movie spot

<https://movieapp-cd283.web.app/>

05/2023 - 07/2023

- > Enhanced website performance with key metrics: LCP loads in less than 2 seconds and FCP in 0.7ms by using caching techniques in IndexedDB.
- > Integrated search functionality with debounce API calls, triggering searches only if the user keystroke interval exceeds 200ms.
- > Improved user experience with lazy loading on all pages, significantly improving response times.
- > Developed infinite scroll using Web APIs for seamless content loading.
- > Developed a chatbot with query and entity recognition to assist users with movie-related queries and support sessions.
- > Implemented a dark/light mode toggle feature using Redux Toolkit for state management and local storage for persistence across sessions.
- > Used custom language configuration (hash) to support various languages. Managed edge cases efficiently using local state variables for seamless language handling and user interaction.
- > Developed custom hooks to encapsulate reusable logic, promoting cleaner and more maintainable code across the application.
- > Implemented OAuth for secure user authentication, enabling personalized movie recommendations
- > Implemented a live chat feature using Redux to dispatch actions at intervals of 100 ms, enhancing real-time interaction. Utilized selectors to subscribe to the Redux store, ensuring efficient data retrieval and management within the application container.

### Food ordering PWA

<https://food-ordering-app-okp7a20x7.vercel.app/>

09/2023 - 11/2023

- > Leveraged Redux Toolkit for efficient cart functionality and seamless management of user preferences across sessions, ensuring a consistent user experience.
- > Implemented lazy loading for images, making them available only when in the user's viewport; otherwise, they remain blurred to enhance performance.
- > Ensured efficient dynamic routing using APIs for seamless navigation and improved user experience.
- > Integrated breadcrumbs for easy navigation and implemented a search functionality with debounce to optimize performance.
- > Utilized Okta Auth provider for OAuth, enabling easy and secure authentication without the need to manage a database.
- > Implemented sort and filter functionality leveraging JSON APIs. This feature enables users to easily navigate and personalize their food selections, enhancing overall usability and satisfaction.

### Open source

<https://github.com/ArslanYM/StarterHive>

- > implementing a dark/light mode toggle across all pages using Redux Toolkit. This contribution improved accessibility and user experience for the project's community.

### Open source

[https://github.com/MAVRICK-1/e-commerce\\_website](https://github.com/MAVRICK-1/e-commerce_website)

Solved the minor ui bug (Hover issue on header and body )

## Experience

TechnoHack Edutech — [https://www.linkedin.com/posts/subash-profile\\_activity-7138081720892866564-yHj](https://www.linkedin.com/posts/subash-profile_activity-7138081720892866564-yHj)

### Web Developer Intern

12/2023 - 01/2024

- > Successfully completed a one-month internship as a Web Development Intern, during which I developed and optimized a responsive website for a client, improving load times by 20% and enhancing user experience through modern design practices and efficient coding standards.
- > Reduce the initial content full paint less than 0.7 ms
- > chunking all the route pages and handling the edge cases with best practices

<https://www.nexussecurity.online/>

### Freelancer

04/2024 - 05/2024

- > Created two dashboards—an Admin Dashboard and a User Dashboard.
- > Utilized RESTful APIs and role-based access control (RBAC) to authenticate users, enabling dynamic task assignment and course management.
- > Enabled users to view and update task progress, enhancing engagement.
- > Implemented JWT authentication for secure access.
- > Improved administrative control and user engagement through a robust task management system.

## Education

J.N.N Institute of Engineering

B.tech Artificial intelligence & data science

2021 - Present