

R SUBASH CHANDRA BOSE

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

Skills

Frontend : JavaScript, TypeScript, React.Js, Redux.Js, Next.Js, TailwindCss, MaterialUi, Html & Css, BootStrap, Framer Motion, Web socket

Backend: Node Js, Express Js, Mongo Db, Postgres, Prisma Orm, Web socket, Firebase Functions, Strapi, Rest Api's, Clerk, Next Auth, Redis, socket.io, okta

Tools & Testing: Git, Docker, Jest, Vitest, Eslint, Postman, hopscotch, Light house, npm/yarn, sentry

Projects

Find Job | React.js, Strapi, Tailwind CSS, Clerk, Material UI, RTK

<https://jobportal-frontend-silk.vercel.app/>

08/2024 - 09/2024

- Developed a **responsive UI** using **React** and **Tailwind CSS**.
- Managed backend operations with **Strapi** for job postings and user roles.
- Implemented **role-based access control (RBAC)** for secure recruiter and candidate permissions.
- Integrated **Clerk** for user authentication and protected routes.
- Developed features for candidates to **search, filter, apply for jobs**, save jobs, and track application status, while allowing recruiters to **post jobs**, track applicants, and update their statuses.

Movie spot | React.js, Tailwind CSS, Tmdb Api, Material UI, firebase, Oauth, RTK

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

05/2023 - 07/2023

- Optimized website performance**, achieving LCP under 2 seconds and FCP at 0.7ms by implementing IndexedDB caching.
- Integrated debounced search functionality**, reducing API calls by triggering searches after 200ms of user inactivity.
- Enhanced UX** with lazy loading on all pages and infinite scroll using Web APIs, improving response times.
- Developed a **chatbot with query/entity recognition** for movie-related assistance and support.
- Implemented **dark/light mode toggle** with Redux Toolkit and local storage for session persistence.
- Added **movie rating feature** with Firestore real-time database integration.
- Secured user authentication** using OAuth.

Food ordering pwa | React.js, Tailwind Css, Swiggy api, Material UI, Oauth, RTK

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

09/2023 - 11/2023

- Utilized **Redux Toolkit** for efficient cart management and user preferences, ensuring a consistent experience across sessions.
- Optimized image loading** by implementing lazy loading, displaying images only when in the user's viewport to enhance performance.
- Implemented **dynamic routing with APIs** for seamless navigation and improved user experience.
- Utilized **Okta Auth** for secure OAuth authentication without database management.
- Added **breadcrumbs for easy navigation** and integrated debounced search functionality for optimized performance.
- Developed **sort and filter functionality** using JSON APIs, improving user navigation and personalization of food selections.

FEAT: Dark-light/toggle (open source)

<https://github.com/ArslanYM/StarterHive/issues/229>

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

FEAT: Contributors page (Gssoc -2) (open source)

<https://github.com/VanshKing30/FoodiesWeb/pull/441>

- implemented the Contributors page with infinite scroll, ensuring compatibility for both large and small devices

Experience

https://media.licdn.com/dms/image/D562DAQEPNFVbQ_d4Q/profile-treasury-document-images_800/1/1726932826713?e=1730937600&v=beta&t=aLSUeWZe6G8alhEFEi6qKOEuZCA0t7sKMJZkcV7jHZM

Zoho 05/2024 - 08/2024

- Improved load times by {30%} by implementing image optimization, lazy loading, and resource prioritization.
- Improved user retention by 10% through enhanced page performance and smoother user interactions, resulting in higher engagement and lower bounce rates.
- Boosted system reliability by 70% by integrating advanced monitoring tools and optimizing server distributions.

Experience

Leads-Ecom (Freelance) | React.js, Strapi, Tailwind Css, Material UI, RTK

06/2024 - 08/2024

- Implemented **cart functionality end-to-end** using Redux Toolkit, with cart items stored in local storage.
- Utilized **Strapi** for backend, managing products, order tracking, and payment subscriptions.
- Integrated **Razorpay** for secure payment processing.
- Added **debounced search functionality** to optimize performance and minimize API calls.
- Improved **page load times** by reducing LCP and FCP, and implemented chunking for faster initial response times.
- Developed a **custom chatbot** for customer support, offering pre-built query assistance and boosting user engagement.

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

Nexus-security (Freelance) | React.js, Node.js, Mongo DB, Tailwind Css, Material UI

04/2024 - 05/2024

- Developed **Admin and User Dashboards** for efficient task and course management.
- Implemented **RESTful APIs** and **role-based access control (RBAC)** for secure user authentication and dynamic task assignment.
- Enabled users to **track and update task progress**, boosting engagement.
- Integrated **JWT authentication** for secure access.
- Enhanced **administrative control** and user engagement with a robust task management system.

Education

J.N.N Institute of Engineering

B.tech Artificial intelligence & data science

Strengths

Frontend Development

Efficient frontend developer using React.js and Tailwind CSS technologies.

Backend Technologies

Well-versed in backend technologies like Node.js and MongoDB databases.

Authentication Integration

Experience with integrating authentication using OAuth and JWT.