

R SUBASH CHANDRA BOSE

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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, Esbuild, Postman, hoppscotch, 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/D562DAQEPNFXVbQ_d4Q/profile-treasury-document-images_800/1/1726932826713?](https://media.licdn.com/dms/image/D562DAQEPNFXVbQ_d4Q/profile-treasury-document-images_800/1/1726932826713?e=1730937600&v=beta&t=aLSUeWZe6G8alHEFEi6qKOEuZCA0t7sKMJZkcV7jHZM)

[e=1730937600&v=beta&t=aLSUeWZe6G8alHEFEi6qKOEuZCA0t7sKMJZkcV7jHZM](https://media.licdn.com/dms/image/D562DAQEPNFXVbQ_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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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.
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