

SHARAFATH ALI

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PROFILE

Full-Stack Software Engineer with 1.6 years of experience specializing in the MERN stack (MongoDB, Express.js, React.js, Node.js, Redux). Engineered scalable web applications, optimized system performance, and resolved real-time client issues. Proficient in Agile methodologies, collaborating with cross-functional teams to deliver high-quality, scalable solutions.

WORK EXPERIENCE

Associate Software Engineer , Global Infonet Inc

March 2023 – September 2024

- Led the development of the Quick Link feature for Dock 365 CMS (v4.8), integrating 28 interactive panels that enabled users to view and edit related entity details directly within the panel, eliminating redirection. Achieved a 30% reduction in navigation time and a 25% increase in user satisfaction.
- Developed responsive UIs using **React.js** and **SharePoint Framework (SPFx)**, optimizing front-end performance with React-specific techniques such as lazy loading, memoization, dynamic imports, code-splitting, and efficient state management. Achieved faster load times and improved workflows by adhering to industry best practices for performance optimization.
- Engineered scalable back-end services using **Node.js** and **Express.js**, optimizing **REST API** performance and streamlining data storage and management with **MongoDB** and **Mongoose**. Implemented performance optimizations to enhance system responsiveness and scalability.
- Resolved critical bugs and developed new features, enhancing the stability, reliability, and performance of Dock 365 CMS.
- Conducted code reviews and API testing with **Postman**, ensuring code quality, product functionality, and adherence to standards.
- Performed unit testing to identify and resolve defects early, contributing to faster development cycles and higher product quality.
- Revamped the user interface using **Fluent UI**, **SCSS**, **React Select**, and **React Router** to enhance navigation and simplify the overall user experience.
- Collaborated on feature analysis and product enhancements, providing actionable insights that directly impacted product usability and adoption.

TECHNICAL SKILLS

- Programming Languages:** JavaScript, TypeScript
- Front-End Development:** React.js, React Router, Material-UI, Chakra-UI, React-Bootstrap, Styled Components, Sass, HTML, CSS
- Back-End Development:** Node.js, Express.js, Socket.IO, SharePoint Framework, Server-Side Rendering (SSR) with EJS, MongoDB, Mongoose, JSON Web Token (JWT-based authentication), bcrypt (Secure password hashing), REST APIs, Model-View-Controller (MVC)
- Version Control & Collaboration:** Git, GitHub, Azure DevOps
- State Management:** Redux-Toolkit, Zustand
- Testing & Tools:** Postman, Debugging and Troubleshooting, Cloudinary
- Operating Systems:** Microsoft Windows, Linux

EDUCATION

Bachelor of Computer Applications (BCA)

2019 - 2022

Jamia Hamdard Kannur Campus, Kerala

Jamia Hamdard University, Delhi

Higher Secondary Education (12th)

2017 to 2019

G.V.H.S. School, Kadirur, Kannur, Kerala

Kerala State Board

PERSONAL PROJECTS

NexBuy | MERN Stack App

[\(Source Code\)](#) | [\(Live Site\)](#)

- **Technologies:** React.js, Node.js, Express.js, MongoDB, Stripe, Zustand, React Router, Framer Motion, Axios, Cloudinary, Mongoose, JWT (Access & Refresh Tokens)
- Designed and developed NexBuy, a feature-rich e-commerce application using the **MERN stack** and a **monorepo architecture**, with **Zustand** for efficient state management.
- Integrated **JWT-based user authentication** with access and refresh tokens for secure login/signup functionality.
- Developed dynamic shopping cart features including item addition, updates, and removal.
- Created a coupon management system for discounts and future purchase rewards.
- Integrated **Stripe** for secure payment processing.
- Delivered an admin interface for product management (add/edit/delete), sales analytics, and detailed reporting.
- Optimized frontend with **lazy loading** and ensured **responsive design** across all devices.
- Enhanced user experience with **Framer Motion** animations for smooth transitions.
- Deployed on **Render** with **MongoDB Atlas** as the database.

Chatterverse | MERN Stack App

[\(Source Code\)](#) | [\(Live Site\)](#)

- **Technologies:** React.js, Node.js, Express.js, MongoDB, Zustand, React Router, Tailwind CSS, Cloudinary, DaisyUI, Socket.IO, JWT, Mongoose
- Developed Chatterverse, a real-time chat application built on a **monorepo architecture** with a clean directory structure, integrating **Express.js** for the backend and **React.js** for the frontend, with state management powered by **Zustand**.
- Deployed the application on **Render** with **MongoDB Atlas** as the database.
- Enabled real-time messaging using **Socket.IO**, supporting text and image messages between users.
- Implemented secure user authentication with **JWT**, ensuring robust login/signup functionality.
- Added a theme customization feature with **DaisyUI**, allowing users to switch between 32 available themes for a personalized app experience.
- Developed a profile management section for users to view and update their profile picture and user details.
- Integrated **Cloudinary** for secure and efficient media uploads.
- Built a responsive and dynamic UI using **Tailwind CSS** and **DaisyUI**, ensuring compatibility across all device sizes.

HR-Portal App | React.js, Material-UI, SASS, Express.js, SharePoint

[\(Source Code\)](#)

- Developed HR-Portal, a responsive web application to streamline HR processes such as adding/updating employee information, uploading files, and managing notes.
- Built a secure backend with **Express.js** and **SharePoint**, ensuring robust data accuracy and protection, while designing a clean, user-friendly interface with **React.js**, **Material-UI**, and **SASS** for an intuitive and efficient HR experience.