B Mohamed Sharuk

MERN Stack Developer

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PROFILE SUMMARY

Self-taught MERN stack developer, specialized in crafting efficient web applications, with a focus on scalable distributed systems and clean, maintainable code. Aims to deliver high-performance and user-friendly web solutions.

PROJECTS

CareerUp - Professional Networking Website   Live | GitHub

- **CareerUp** is a professional networking platform designed to connect job seekers and employers, enabling companies to post jobs and candidates to apply, with integrated social media features for seamless communication.

- Users can add posts and interact through actions like comment, like, report and save.

- Implemented **JWT** authentication and **Google Sign-In** for enhanced security and user convenience.

- Established connection functionality, enabling users to send and accept connection requests and implemented a notification system to notify users about interactions and connection requests.

- Integrated one-to-one real-time chat feature using **Socket.IO**.

- Implemented admin-side features for managing user data and verifying company profiles.

- Deployed the application on both **render.com** and **AWS EC2**, utilized **Cloudflare** nameservers for enhanced performance and reliability.

- **Technologies Used** - TypeScript, React.js, Redux-toolkit, Tailwind CSS, Node.js, Express.js, mongoose, JWT, Socket.IO , Cloudinary, Chart.js

EyeStyle - E-commerce Web Application   Live | GitHub

- **EyeStyle** is a comprehensive e-commerce web application specializing in sunglasses. Users can browse a wide range of products, make purchases securely and access their order history. Additionally, the platform features a wallet system for convenient payment management.

- Implemented all the necessary e-commerce functionalities like product listing, cart, wishlist, orders, wallet.

- Integrated **Nodemailer** to enable OTP verification and **PayPal** for payment gateway.

- Added coupon offers for product purchase to enhance user engagement and provide discounts.

- Designed and developed an admin panel for product and category management, enabling easy administration of the e-commerce platform.

- Deployed on both **render.com** and **AWS EC2** with **NGINX** as the web server and utilized PM2 for process management.

- **Technologies Used** - JavaScript, Node.js, Express.js, EJS, mongoose, Bootstrap, PayPal, Nodemailer

Mini projects

SPLIT - Expense Sharing App   Live | GitHub

- Expense Splitter is a modern and responsive web application designed to facilitate the equitable division of expenses among users.

- Users can initiate expense splits, specify the amount and allocate the expenses among involved parties.

- Application maintains a history of expense transactions initiated by users.

- Implemented simple notification system that notifies all involved users in an expense split.

- **Technologies Used** - React.js, React-Redux, Redux-toolkit, Tailwind CSS

Netflix React Clone   GitHub

- Developed an user interface clone of Netflix using React.

- Utilized **axios** library to fetch movie data from TMDB-The movie Database.

- Utilized React functional components, hooks and state management for dynamic content rendering.

- **Technologies Used** - React.js, Bootstrap, Axios

Skills

Programming Languages: JavaScript

Front End Development: React.js, React-Redux, Redux-toolkit, Tailwind CSS, EJS (Embedded JavaScript), HTML, CSS

Back End Development: Node.js, Express.js, Mongoose, REST API, JavaScript

Database: MongoDB, MySQL

Integrations: PayPal, Twilio, Cloudinary, Nodemailer, Multer, Google OAuth 2.0, Socket.IO

Tools: GitHub, Figma, Postman, Moon Modeler

Familiar with: JWT, Axios, MVC, AWS, NGINX

Education

MERN Stack Development   2023 - Present
Brototype, Ernakulam

BSc Computer Science   2018 - 2021
Yuvakshetra Institute of Management Studies, Palakkad