SAJAD ALI ISMAIL

MERN STACK DEVELOPER

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Profile Summary

I'm a Node.js and React developer focused on building high-performance, responsive web applications. I specialize in backend development and deploying scalable, dependable solutions. My experience includes working on e-commerce platforms and social media apps, with a commitment to continuously learning and staying current with the latest web technologies. I bring strong problem-solving skills and adaptability to every project, ensuring efficient and effective development.

Technical Skills

- **Languages:** JavaScript, TypeScript, C++, Python, Java
- **Frontend:** React.js, HTML5, Redux, Tailwind CSS, Bootstrap, EJS, jQuery, CSS, Material-UI (MUI)
- **Backend:** Node.js, Express, REST API, Microservices, MVC
- **Infrastructure:** Docker, CI/CD, Data Structures, NPM, Nginx, PM2, Linux
- **Databases:** MongoDB, GraphQL, SQL
- **Integrations:** Razorpay, Multer, Socket.IO, WebRTC, Firebase, JWT, Nodemailer
- **Deployment:** AWS (EC2, S3), GitHub Actions, SSL, GCP
- **Developer Tools:** VS Code, GitHub, Postman, Figma, Docker Compose
- **Computational Skills:** Data Structures And Algorithms, Problem-Solving, Time Management, Adaptability

Projects

Círculo - Social Media Application   Live Link | GitHub

Círculo is a feature-rich social media platform designed to enhance community engagement within specific postal codes, built using a microservices architecture with an API gateway for scalability and modularity.

- Secured user authentication using **JWT** and streamlined communication between **microservices** with **RabbitMQ**.
- Enabled real-time messaging and notifications via **Socket.IO**, while utilizing **WebRTC** to facilitate high-quality video calling for enhanced user interaction.
- Implemented **GraphQL** for efficient relationship management, enabling users to connect and manage friendships dynamically within the platform.
- Integrated Redis alongside **Socket.IO** to track and manage online status of users in real-time, ensuring seamless updates of user activity.
- Applied **Redux** for global state management and **Recoil** for flexible state handling in complex scenarios, enhancing app performance.
- Deployed the platform on **AWS**, with a fully automated **CI/CD** pipeline powered by **GitHub** for continuous delivery. Services were containerized using Docker to ensure scalability and maintain resource efficiency.

Casaluxe – E-Commerce Store   Live Link | GitHub

Casaluxe is an advanced e-commerce platform specializing in furniture, designed to enhance the shopping experience with a robust suite of features:

- Implemented **Multer** for seamless product image uploads and integrated **Razorpay** for secure payment processing, ensuring a smooth checkout experience.
- Developed a **referral code system** to incentivize user engagement and built essential functionalities such as **cart management, wishlists, reviews, and ratings**.
- Designed an **efficient order management system** to streamline order processing, complemented by **sales reports and graphs** for valuable business insights.
- Utilized **Nodemailer** to automate email notifications for user registration and critical interactions, enhancing communication with users.
- **Deployed on AWS**, leveraging **NGINX** as the web server to ensure scalability, reliability, and optimized performance.

Mini - Projects

StreamHive   [Live Link](#) | [GitHub](#)

Created a streaming web application that allows users to browse and watch a variety of movies and TV shows. Integrated with The Movie Database (TMDB) API for real-time data on trending titles.

- Developed using **React.js** and integrated with The Movie Database (TMDB) API to fetch and display movie and TV show information, enabling users to explore popular titles effortlessly.
- Implemented responsive design principles to guarantee a seamless experience across various devices, allowing users to access the platform on desktops, laptops, tablets, and smartphones.
- Employed modern front-end development techniques and libraries such as **React Hooks, Context API,** and **CSS Modules** to create interactive and dynamic user interfaces.

OLX Clone   [GitHub](#)

Developed a replica of the OLX platform using **React.js**, allowing users to buy and sell a variety of products. Integrated **Firebase** for secure user authentication and management, ensuring safe access to the platform. Key features include product listings, search functionality, and user profiles to facilitate a smooth e-commerce experience.

- Utilized **Firestore** for real-time database management, effectively handling product listings and user data.
- Designed and built the user interface with **React.js** to deliver a responsive and user-friendly experience.

Professional Experience

Production Manager,   **Marampilly,Kochi-683547**

Royal Wood Packers   June 2016 – September 2023

- Developed and enforced quality control procedures to ensure all products met stringent company standards
- Led the production team to optimize workflows, reduce downtime, and consistently meet production deadlines
- Promoted a safe and compliant work environment by implementing safety protocols and maintaining adherence to industry and customer specifications

Education

MERN Stack Development
Brototype, Ernakulam   2023 - Present

B-Tech Mechanical Engineering
Mahatma Gandhi University, Kottayam   2016