HAFSANA S

MERN stack Developer

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PROFESSIONAL SUMMARY

Passionate self-taught Full-stack Web Developer with expertise in MERN seeks to contribute to innovative projects. Through independent learning and building personal projects, honed adaptability and problem-solving skills are utilized to tackle complex challenges

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TECHNICAL SKILLS

- **Frontend Technologies**   : React.js, Redux, Redux Toolkit, JQuery, Bootstrap, HTML, CSS, Javascript
- **Backend Technologies**   : Typescript, Node.js, Express.js, MVC Architecture,
- **Database Technologies**   : MongoDB, PostgreSQL
- **Tools & Libraries**   : Git, GitHub, Postman, Figma, Code Planner.
- **Integration Tools**   : Amazon S3, EC2, Razorpay, WebSocket, Socket.IO ,SendGrid, Firebase, Node Mailer, Multer , JWT
- **Expertise in**   : Data Structures and Algorithms

PROJECTS

Mediflow | Doctor Booking Application   🌐 **Live LInk**   ⊘ **GitHub**

Developed a comprehensive Booking web application using the MERN stack (MongoDB, Express.js, React, Node.js) with features including user authentication, real-time messaging, video calls, and appointment booking with doctors across multiple hospitals. The application supports both online and offline consultations, allowing users to manage their bookings easily. It's optimized for desktop and mobile, with a responsive design, and follows best practices for security and scalability, including JWT authentication and cloud deployment on AWS.

- Secure Authentication and Account management using **JWT** for token-based authentication.
- Real-time chat with Hospital implemented using **Socket.IO** for real-time communication.
- Video calls with doctors for online consultation utilizing **WebRTC**.
- Booking creation facilitated by **MongoDB** for data storage and retrieval.
- Booking Payments are integrated with **Razorpay** for seamless payment transactions.
- Leveraged AWS Cloud Service **EC2** (Elastic Cloud Computing) along with **Nginx** and **PM2** for deployment, resulting in a high performing, reliable and secure platform with the capacity for seamless scalability
- Implemented secure and scalable image storage using AWS **S3 buckets**, ensuring reliable access and management of images within the application
- Review and rating system implemented using MongoDB to gather user feedback.

Baby Bundles │ E-Commerce Platform   🌐 **Live LInk**   ⭕ **GitHub**

This e-commerce web application for baby products, built with Node.js and EJS, delivers a personalized and user-friendly shopping experience through secure user authentication, allowing customers to create accounts and log in, while offering dynamic, category-based discounts tailored to specific products, seasonal promotions during holidays and sales events, and individual product-specific discounts that enhance customer engagement and flexibility in shopping.

- Secure Authentication and Account management using **JWT** for token-based authentication.
- User profile and Account management implemented with MongoDB for data storage and retrieval.
- Product listing and view functionality designed with **Node.js** and **Express.js** using **MVC** Architecture.
- Discounts management integrated into the system for promotional offers.
- Payment Interface utilizing **Razorpay** for secure online transactions.
- Cart & Wishlist management.
- Designed and implemented functionalities for order returns, cancellations, and wallet credits for both returned and canceled products.
- Admin Dashboard developed using Node.js, Express.js and **HTML** with **EJS** Handlebars for dynamic content rendering.

MINI PROJECTS

PDF-UploadApp   🌐 **LiveLink**   ⭕ **GitHub**

A PDF uploading app built using React. It allows users to upload, preview, and edit PDF files. Users can rearrange pages, edit page titles, and extract pages to create new PDFs. The project was developed with React.js and PDF libraries for easy file management and editing.

Olx-Clone Design   🌐 **LiveLink**   ⭕ **GitHub**

A clone of OLX designed using React, utilizing Firebase Auth service for user authentication and Firebase Storage for storing images of the products. Registered users can add their products to sell. The project was built using React.js, Firebase Authentication, and Firebase Storage.

Netflix-Clone Design   🌐 **LiveLink**   ⭕ **GitHub**

Netflix clone using React and the TMDB API, featuring movie trailers and React YouTube integration. The project was built using React.js, TMDB, React Player, and React YouTube.

WayToNikkah-Clone   🌐 **LiveLink**   ⭕ **GitHub**

I am utilizing HTML and CSS to create a clone of a website, focusing on studying and replicating front-end design techniques for educational purposes.

EDUCATION

MERN Stack Developer   **2023-Present**

Brototype,Kochi

Bsc Microbiology   **2014-2017**

Nehru Arts Ad Science College,Coimbatore