

HAFSANA S

MERN stack Developer

 [+91-8606783924](tel:+91-8606783924) |  hafsanasharafudheen@gmail.com |  [LinkedIn](#) |  [GitHub](#) |  [Portfolio](#)

PROFESSIONAL SUMMARY

Motivated and enthusiastic MERN stack developer proficient in JavaScript, React.js, Node.js, Express.js and MongoDB. Passionate about writing maintainable code and dedicated to continuous learning. Eager to contribute to innovative projects and gain broader industrial experience in building modern web applications with talented teams.

TECHNICAL SKILLS

- **Programming Languages** : JavaScript , TypeScript
- **Frontend Technologies** : React.js, Redux, Bootstrap, HTML5, CSS
- **Backend Technologies** : Node.js, Express.js, MongoDB, MVC Architecture, Clean Architecture
- **Deployment** : AWS S3, EC2, Nginx, Render, Vercel
- **Tools & Libraries** : Git, GitHub, Postman, Figma, Code Planner, Node Mailer, Multer
- **Integration Tools** : Razorpay, WebSocket, Socket.IO, Firebase, JWT
- **Familiar With** : Data Structures and Algorithms, PostgreSQL, Firebase

PROJECTS

HomeWorks | Service Booking Application

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

Developed a comprehensive service booking web application using the **MERN stack (MongoDB, Express.js, React, Node.js)** with features including user authentication, real-time messaging, online payments, and service provider bookings across various categories. The application allows users to book home services such as plumbing, electrical repairs, cleaning, and more. It supports both scheduled and instant service bookings, optimized for desktop and mobile, with a responsive design and robust security measures to ensure seamless user experience.

- Implemented **JWT**-based authentication for secure user login and session management.
- Integrated Socket.IO for instant messaging, allowing users to communicate directly with service providers.
- Users can browse, book, and manage home services with a simple and intuitive interface.
- **MongoDB** for efficient data storage and retrieval of service details, bookings, and user data.
- Secure payment gateway integration using **Razorpay** for seamless online transactions.
- AWS EC2 for cloud computing with **Nginx** and **PM2** for enhanced performance and scalability.
- Integrated **Nodemailer** to send booking confirmations, reminders, and updates to users and service providers.
- Users can leave reviews and ratings for service providers, improving platform credibility.
- Users and service providers can upload process details for better transparency.
- Implemented **clean architecture** and **schema-based code splitting**, ensuring maintainability and scalability.

Mediflow | Doctor Booking Application



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



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



- Developed a React-based PDF uploading app with features like uploading, previewing, and editing PDFs.
- Enabled functionalities for users to rearrange pages, edit titles, and extract specific pages to create new PDFs.
- Leveraged React.js and advanced PDF libraries to provide an intuitive and efficient file management experience.

OLX-Buy and sell products



- Developed an OLX clone using **React.js**, providing a seamless user experience for product listings and searching.
- Integrated **Firestore** for efficient user authentication, database management and real-time updates.
- Ensured efficient product management and user interaction through state management and optimized API calls.

Netflix-Video streaming platform

 [LiveLink](#)  [GitHub](#)

- Developed a Netflix clone using **React.js**, closely mimicking the Netflix interface for a dynamic viewing experience.
- Integrated **TMDB API** to fetch and display movie data, providing users with up-to-date information.

WayToNikkah-Clone

 [LiveLink](#)  [GitHub](#)

- Creating a website clone using **HTML** and **CSS** to replicate front-end design techniques.
- Focused on improving front-end development skills through practical, hands-on learning.

EDUCATION

MERN Stack Developer

2024 - Present

Brototype

Bsc (Microbiology)

2014 - 2017

Nehru Arts And Science College, Coimbatore
CGPA:8.9