

SAFEER MON E P

MERN Stack Developer

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[Email](#) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [LeetCode](#)

PROFILE SUMMARY

Self-taught full-stack developer specializing in MERN, with a strong desire to create scalable and maintainable applications. Proven expertise in JavaScript, complemented by analytical and problem-solving skills. Eager to contribute dynamic talents to organizations seeking innovation in web development.

SKILLS

Programming Languages: JavaScript, TypeScript

Back End Development: Node.js, Express.js, MicroServices, Clean Architecture, Monolithic Architecture, MVC, RESTful API Design, Schema Design

Front End Development: Next.js, React, Redux, WebRTC, WebSocket, HTML, Tailwind, Bootstrap, CSS

Database: MongoDB, PostgreSQL

Tools: Git, GitHub, Docker, Postman, VSCode

Expertise In: Data Structures

Familiar With: AWS Services, NestJS, Kubernetes, Agile Development, C, Java, Golang

PROJECTS

An Advertisement Platform

[Source Code](#) | [Live Link](#)

EP-LINK is an advertising platform where users can advertise their products which they are wishing to sell by adding the details of the product including images. Users will be able to add more than four products only after they are taking premium subscription.

- Application offers real-time chat functionality by using **Socket.IO** and **WebRTC**, facilitating instant and seamless communication for an enhanced user experience.
- By using chatting functionality provided by the application users can share **images, videos, audios, emojis, text messages and documents**. All these media files are stored securely in the **AWS-S3 buckets**.
- Designed with a keen focus on scalability and maintainability, the application adheres to **Clean Architecture** principles, ensuring modular, decoupled components for efficient development and sustainable maintenance. Structuring it as a set of **Microservices**, enhancing adaptability across diverse technologies and creating a robust, versatile system.
- All the services are containerized with **Docker** and Deployed using **AWS Cloud Service EKS** (Elastic Kubernetes Service), **Nginx**, **Certbot** and **PM2** for reliable, scalable and secure performance.

Technologies Used: MongoDB, Express.js, Next.js, Node.js, Redux, TypeScript, RabbitMQ, amqpplib, Microservices, Clean Architecture, WebRTC, WebSocket, OAuth 2.0, Docker, S3 Bucket, Git

E-commerce Website

[Source Code](#) | [Live Link](#)

EP-CART is an e-commerce website dedicated to footwear sales, allowing customers to browse and purchase products online. The application features a user-friendly interface, secure payment system. Customers can create accounts, shop footwears, track their order status and give reviews and ratings.

- Developed and launched a fully operational E-commerce platform, focusing on footwear retail, to deliver a frictionless online shopping experience.
- Prioritized user convenience by implementing an intuitive shopping cart, seamless checkout process, diverse payment methods and the ability for users to modify or cancel orders.
- Engineered a robust admin panel integrated with a comprehensive order management system, ensuring efficient control over products, orders and user accounts.
- Leveraged **AWS** Cloud Service **EC2**(Elastic Cloud Computing), along with **Nginx**, **Certbot** and **PM2** for deployment, resulting in a high performing, reliable and secure platform with the capacity for seamless scalability.

Technologies Used: Node.js, Express.js, MongoDB, Nodemailer, Razorpay, JSON Web Token, Multer, Cloudinary, Handlebars as view engine, HTML, Bootstrap, AWS EC2, Nginx, Chart.js, Git

MINI PROJECTS

Customizable Password Generator

[Source Code](#)

- Developed a password generation tool to enhance security by creating personalized and robust passwords. Users can customize passwords by giving parameters such as length and character types to tailor passwords to their specific needs.
- **Technologies Used:** MongoDB, NestJS, Node.js, React

OLX Clone with Firebase Auth

[Source Code](#)

- It is a clone for olx designed by using react, used firebase auth service to give authentication for users and firebase-storage for storing images of the products, registered users can add their products to sell.
- **Technologies Used:** React, Firebase Authentication, Firebase Storage

JWT Helper - An NPM Package

[Source Code](#)

- Have published an npm package named “jwt-helper-services” which will be useful for generating, verifying and deconstructing jwt tokens. It is especially useful in the context of developing microservices.
- **Technologies Used:** TypeScript

EDUCATION

- **MERN Stack Development** 2023 - Present
Brototype, Calicut
- **BCom with Islamic Finance** 2020 - 2023
Calicut University
CGPA: 6.9