

MANIKANDAN K

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 utilised to tackle complex challenges.

Technical Skills

- **Language and frameworks** : JavaScript, Express.js
- **Front End Development** : React.js, Redux, HTML5, CSS3, Bootstrap, EJS
- **Back End Development** : Node.js, Express.js
- **Database** : MongoDB, PostgreSQL
- **Tools** : Git, GitHub, VS Code, Figma
- **Operating System** : Ubuntu, Windows
- **Familiar With** : Data Structure and algorithm, MVC Architecture, Repository Architecture, Postman, AWS, NGINX, Razorpay, Firebase, JWT, RESTful APIs, ECMAScript,

PROJECTS

ShoeStruct - E-commerce Website

[Source Code](#), [Live link](#)

ShoeStruct is an e-commerce website dedicated to the sale of shoes, allowing customers to browse and purchase items through online. The application provides a user-friendly interface where customers can easily browse various Shoes products, view detailed descriptions and images, and make secure purchases. ShoeStruct aims to offer a seamless shopping experience by providing intuitive navigation, convenient search options, and secure payment gateways.

- Developed and launched a fully operational **e-commerce** platform focused on Shoes retail, designed to deliver a seamless online shopping experience.
- Prioritized user convenience by implementing an intuitive shopping cart, a 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**, along with **Nginx** 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, Razorpay, EJS, HTML5, CSS3, AWS, Nginx, Chart.js

MINI PROJECTS

User Management

[Source code](#)

- Leverage the **MERN stack** technology (**MongoDB**, **Express**, **React**, **Node.js**) for comprehensive user management.
- Implement features like user authentication, authorization, profile management, and a responsive interface.

TODO App

[Source code](#),

- Developed a TODO list application using **React.js** to provide users with an efficient task management system.
- Utilized **localStorage** to store task details, allowing users to save and retrieve their tasks across sessions.

Netflix - Video streaming platform

[Source code](#)

- Real-time Netflix clone built with React and **TMDB API**(The movie database).
- It also includes live movie trailer playing with **React Player**.

OLX - Buy and sell products

[Source code](#)

- User interactive platform to buy or sell products.
- Integrated **Firestore** database and utilized **Firebase authentication** for seamless user experience.

EDUCATION

Diploma In Medical Imaging Technology - DR's Academy Of Science, changaramkulam, (2020-2023)

Mern Stack Development - Brototype, Ernakulam, (2024-Present)