Shiji A A

MERN Stack Developer

📞 +91 8129244883   ✉ shijiaa.04@gmail.com   in LinkedIn   ⓞ GitHub   </> LeetCode

Profile Summary

Passionate and skilled MERN stack developer with a strong enthusiasm for crafting innovative web applications. Specialized in developing cutting-edge solutions to address real-world challenges. Actively seeking opportunities to leverage expertise, collaborate with esteemed professionals and advance career progression.

Skills

Languages: JavaScript, TypeScript, HTML, CSS

Front-End Development: React.js, Redux, Redux-Toolkit, Bootstrap, Tailwind CSS

Back-End Development: Node.js, Express.js, RESTful API

Databases: MongoDB, PostgreSQL

Integrations: Socket.IO, Razorpay, Stripe, Google OAuth 2.0, Multer, Cloudinary, Nodemailer, ZegoCloud

Familiar with: MVC, DSA, Figma, Postman, NGINX, Git, GitHub, AWS

Projects

Smart Learning - E Learning Platform   🔗 Live Link | ⓞ GitHub

An E-Learning platform built with the MERN stack offers users a seamless experience for purchasing online courses, continuing their studies through video lessons, and earning certifications. Users can clear doubts via chat and video calls with tutors, and provide reviews and ratings for courses, fostering an interactive learning environment.

- Utilized **MVC Pattern** for better code management and maintenance.
- Built an intuitive, responsive interface using **React**, **TypeScript** and **Tailwind CSS**, enhancing user experience.
- Created a stable backend with **Express.js** and **Node.js** in TypeScript to support growth and reliability.
- Added real-time chat via **Socket.io**, facilitating immediate interaction between users and vendors.
- Integrated **Stripe** for streamlined and secure transaction processing.
- Leveraged **Zegocloud** for video calling facility, enabling users to participate from anywhere.
- Stored and handled images through **Cloudinary**, ensuring efficient and scalable access.
- Built admin-side interfaces for users, post, and report management. Hosted the application in **AWS (EC2)**.

Feragamo- E-Commerce Website   🔗 Live Link | ⓞ GitHub

This E-commerce project features user account management, an intuitive admin interface, cart functionality, and secure payment gateway integration.It offers a practical learning experience by implementing essential online retail features,which are vital for modern E-commerce platforms.

- Built with **Node.js** and **Express.js** using the **MVC** (Model-View-Controller) architecture for better code organization and enhanced security.
- Front-end is crafted with **EJS**, **HTML** and **CSS**, providing an interactive and aesthetically pleasing user experience.
- Implemented secure login, comprehensive product search capabilities and various payment methods to streamline the shopping process.
- Integrated **Razorpay** for quick and secure payments.
- Allows administrators to manage users, products, orders and coupons, ensuring efficient website operation. Hosted the application in **AWS (EC2)**.

Mini Projects

Password Generator   🔗 Live Link | ☺ GitHub
- **MERN** stack-based password generator application that creates strong, customizable passwords based on user preferences.
- Included options for uppercase and lowercase letters, symbols, numbers and adjustable length to enhance security.
- Allowed users to save and manage passwords within their profiles for easy access.
- Hosted on **Vercel** (front-end) and **Render**(back-end).

Netflix Clone   ☺ GitHub
- **React.js**-based Netflix clone that replicated the original platform's user interface and core functionalities, ensuring a seamless streaming experience.
- Integrated the **TMDb API** to dynamically fetch and display a diverse catalog of movies and TV shows.

Experience

Senior Executive   2018 - 2023
Karvy InnoTech Limited   Ernakulam, Kerala
- Provided onsite OS and hardware support for the IOCL project, focusing on servers, storage solutions, and Ethernet networks.
- Transitioned to technical support for network devices, including routers and modem configurations, for the Federal Bank Project.

CustomerEngineer   2007 - 2018
HCL Services Limited   Ernakulam, Kerala
- Managed team members and provided online technical support for IT@School, Federal Bank, KSEB, and E-Courts, ensuring seamless communication and coordination.
- Handled daily activity reports, customer complaints, and escalations effectively.
- Demonstrated expertise in chip-level electronic device repair and troubleshooting.

Education

MERN Stack Development   2023 - Present
Brototype, Ernakulam

Diploma in Electrical Engineering   2000 - 2003
State Board of Technical Education
CGPA: 7.4