

Shamil A

Full Stack Developer

shamilamiyan@gmail.com | +91 9744676504
[Github](#) | [Linked in](#) | [Leetcode](#)

Highly Skilled **MERN** stack developer experienced in crafting dynamic front-end interfaces and robust back-end Solutions Expertise has been gained in variety of technologies including **javascript** , **Node.js** ,**Express.js** ,**React.js** and **MongoDB** Through completing projects and reviews , a strong ability to prioritise task and manage time effectively has been developed.

Technical Skills

Languages: JavaScript, TypeScript, MongoDB ,HTML , CSS , Node.js

Frameworks: Express.js , TailwindCSS UI

Libraries: React.js , Redux Toolkit, Mongoose

Database: MongoDB

AWS: EC2 , Route 53

Architecture: Clean Architecture , MVC

Familiar: Data Structure and algorithms , Reverse Proxy , NGINX , SQL

Dev Tools: VS Code , Git , Github , Postman , Figma

Project Work

SkillUp - E-Learning Platform

Mar 2024 - Present

([Source Code](#))

- **Led the implementation of real-time video call feature using WebRTC technology**, enabling seamless communication between users and enhancing the overall learning experience
- Implemented live chat functionality using Socket.IO, allowing users to engage in real-time discussions and collaborations within the platform..
- **Utilized Amazon S3 bucket for efficient storage of multimedia content**, ensuring scalability and reliability of data storage..
- Implemented **streaming and buffering** techniques to optimize the delivery of video content,enhancing user experience by reducing buffering times.
- Utilized **Jest framework for automated testing** to ensure the reliability and robustness of the platform, facilitating continuous integration and deployment practices.
- Implemented **Redis caching** mechanism to improve the **performance and responsiveness of the platform**, enhancing user experience by reducing latency and improving scalability.

Technologies Used: AWS (Amazon Web Services), WebRTC, Socket.IO, Amazon S3, Stripe, Jest, Redis

Infinty- E-commerce App

Nov 2023 - dec 2023

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

- Developed a dynamic e-commerce application using **EJS** (Embedded JavaScript) template engine and **vanilla JavaScript**, enabling seamless rendering of HTML pages with dynamic content based on data.

- **Integrated Razorpay payment gateway** to facilitate secure and smooth online transactions, providing customers with multiple payment options and ensuring a seamless checkout process.
- **Implemented performance optimization techniques** to enhance the speed and responsiveness of the application, resulting in improved user experience and increased customer satisfaction.
- **Deployed the application on an AWS EC2 instance**, leveraging the scalability and reliability of cloud infrastructure to ensure high availability and performance for users worldwide.
- **Implemented monitoring tools** to track performance metrics and identify areas for further optimization, ensuring the continued smooth operation of the e-commerce platform hosted on AWS EC2.

Education

Brototype

Aug 2024 - Mar 2024

Full stack web Developer

Relevant Coursework: Object Oriented Programming, Databases, React, Data Structures and Algorithms, Advance Data Structures and Algorithms, Javascript , SQL

Project Work(Mini)

• Netflix Clone

Feb 2024 - Feb 2024

Developed a responsive Netflix clone using React.js and Tailwind CSS, featuring user authentication with Firebase, and TMDB API integration for movie data. Implemented intuitive browsing, search functionalities, and detailed movie views. Deployed on a hosting platform with CI/CD pipelines for seamless updates.

• OLX Clone

Mar 2024 - March 2024

Developed a dynamic OLX replica using React.js and Tailwind CSS, with Firebase for user authentication. Engineered features for product listing, advanced search, and category-based filtering. Utilized Google Maps API for location services, enhancing user experience. Implemented secure messaging system for seamless communication between buyers and sellers. Deployed on a hosting platform with continuous integration for efficient updates and scalability.

Awards and Certificates

- **Communication Lead at Brototype:** Helping students and working professionals to get better at language and better communication