

Muhammed Swalih MC

MERN Stack Developer

ctmswalihmc@gmail.com —PH: +916282712778 —Git-hub — Linkidin

Summary

Experienced MERN Stack Developer with expertise in full-stack web development, Firebase integration, AWS hosting, modern Figma, and proficiency in Node.js, MongoDB, PostgreSQL, React, Redux, TypeScript, JavaScript, Vercel, Render, EJS, HTML, and CSS.

Technical Skills

- **Languages:** JavaScript (ES6+), HTML, CSS
- **Frontend:** React.js, Redux, Tailwind CSS, Bootstrap, Ionic
- **Backend:** Node.js, Express.js, Firebase, MongoDB, PostgreSQL
- **Tools:** Figma, Photoshop, Postman
- **Other:** Payment Integration (Razorpay), Authentication (Google, OTP)
- **Data Structures and Algorithms (DSA):** Proficient in algorithms and data structures with problem-solving skills.
- **Cloud Deployment:** AWS, Vercel, Render,

Experience

MERN Stack Developer

Freelance / Personal Projects

- Developed and deployed an e-commerce platform with authentication, payment processing, and order management.
- Designed and optimized Razorpay payment flows, handling success and failure scenarios.
- Built and hosted projects using AWS services.
- Created an interactive memory game using React.js, incorporating card matching, Game Completion animation.
- Developed a flat management system with admin authentication, property listings, and rent management.
- Built an AI image generator using external APIs for image customization and download.

Projects

E-commerce Website

Live Demo

Developed a full-stack e-commerce site with category-based offers, payment integration, admin management, and advanced reporting features.

- Implemented user authentication (**Google, OTP**) and secure payment gateways.
- Added product filtering, pagination, and order management with **Razorpay**.
- Enabled PDF and Excel downloads for order and sales reports.
- Integrated chart and graph visualizations for sales and user analytics.
- Developed a **REST API** for seamless integration with front-end and third-party services.

Flat Management System

Developed a comprehensive flat management system using **Node.js** and **MongoDB**.

- Implemented tenant and rent management with real-time updates.
- Integrated **PDF and Excel** report generation for financial records.
- Designed interactive dashboards with **charts and graphs** for data visualization.

AI Image Generator

Developed an AI-powered image generation system using **JavaScript** and **external APIs**.

- Integrated **AI image generation** using external APIs.
- Designed a user-friendly interface for input and customization.
- Implemented image download functionality in multiple formats.

Memory Game

Live Demo

Developed an interactive memory game using **React.js** with dynamic gameplay and an engaging user interface.

- Created a responsive game board with draggable cards.
- Implemented logic for card matching, including tracking game state.
- Designed a user-friendly timer and score tracking system.
- Integrated smooth animations for card flipping and transitions.
- Added a game-over feature that displays time taken to complete the game.

Group Video and Audio Chat App

Built a real-time communication app using **WebRTC**, **Node.js**, and **React**.

- Integrated video and audio chat functionality with **peer-to-peer communication**.
- Used **Socket.IO** for signaling and real-time events.
- Implemented responsive UI and dark theme for better UX.

User Management System (Admin + User)

Created a user management platform with **TypeScript**, **Redux**, and **Firebase**.

- Admin can manage users (**CRUD**) and assign roles.
- Users can update profiles, with **authentication and validations**.
- Implemented reusable components and modular **Redux logic**.

Netflix Clone

Developed a responsive Netflix clone using **React** and **Firebase**.

- Implemented movie browsing and **authentication** features.
- Enabled trailer previews using **YouTube integration**.
- Designed with clean UI and **styled-components**.

OLX Clone

Built a full-featured OLX-style app using **Firebase**, **TypeScript**, and **Cloudinary**.

- Users can post and browse product listings with real-time updates.
- Integrated image upload using **Cloudinary** and secure form handling.
- Developed with **Firebase** for authentication and database storage.
- Built a responsive layout with **category-based filtering** and product search.

Education

Bachelor's Degree in B.A. Sociology
calicut University, Malappuram,kerala

202X