

MEGHNA

MERN FULL STACK DEVELOPER

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PROFILE SUMMARY

Self-taught and motivated MERN stack developer with a strong foundation in front-end and back-end web development. Proficient in modern technologies such as React, Node.js, Express.js and MongoDB. Seeking a challenging and dynamic role to utilize and experience to create intuitive and visually appealing web applications.

SKILLS

Front-End Development	React.js, Redux Toolkit, TypeScript, Tailwind CSS, EJS, HTML5, CSS, Axios, Eslint
Back-End Development	Node.js, Express.js, MongoDB, Mongoose, JavaScript, TypeScript, Golang, MySQL, Repository Pattern Architecture, MVC Architecture, REST API, Redis, Github Actions
Integrations	Razorpay, Stripe, Multer, Nodemailer, Tesseract.js, GEMINI AI
Familiar With	Git, GitHub, PostgreSQL, AWS EC2, Route 53, NGINX, Firebase, ES6, Postman, Data Structures, Figma
Tools & DevOps	Socket.IO, AWS S3, Cloudflare, Docker, CI/CD, Vercel, Render, SSL Certificates
Concepts	Data Structures, Algorithms, Object-Oriented Programming (OOP)

PROJECTS EXPERIENCE

Eduzest – Full-Stack E-Learning Platform

[Live Link](#) — [GitHub](#)

MERN, TypeScript, Stripe, Socket.IO, AWS S3, JWT, Repository Pattern Architecture with SOLID Principles

Backend: AWS EC2 — Frontend: Vercel

An online learning platform offering complete course flow with real-time collaboration.

- OTP-based signup/login (**JWT**-based authentication) with **Google OAuth2** for secure and seamless login
- Free & paid course access with **Stripe** integration and subscription plans
- Instructor dashboard for adding video lessons and creating assessments
- Leaderboard system and exam access for subscribed students
- Admin control for user/course approval, coupon generation, and platform moderation
- Real-time group chat via **Socket.IO** between instructors and enrolled students
- **Repository Pattern** for clean backend logic separation

SimpleSole – E-Commerce Platform

[Live Link](#) — [GitHub](#)

Node.js, Express.js, EJS, MongoDB, Razorpay, jQuery, Bootstrap

- User-friendly shopping interface with authentication and OTP verification
- Wishlist, cart, wallet payments, order tracking, cancellation, and returns
- Admin panel for managing users, products, categories, banners, and offers
- Coupon system and graphical sales reports with filtering
- **Razorpay** integration for secure payments

Project Management System with Gemini AI Integration

[Live Link](#) — [GitHub](#)

MERN Stack (MongoDB, Express.js, React.js, Node.js), Gemini AI

- Developed a Trello-like project management platform with task boards and drag-and-drop functionality
- Implemented **CRUD** operations for projects and tasks, with **MongoDB** for data persistence
- Integrated **Gemini AI** for task summarization and intelligent Q&A features
- Designed responsive UI and modular **API** architecture for seamless frontend-backend interaction

Aadhar OCR System

[Live Link](#) — [GitHub](#)

React, TypeScript, Tesseract.js

- Users can upload Aadhaar card images
- OCR extracts and displays key details like name, DOB, and Aadhar number
- Built using **Tesseract.js** with responsive UI

Image Gallery App

[Live Link](#) — [GitHub](#)

Built an image gallery interface where users can drag and reorder images dynamically while uploading.

Netflix UI Clone

React.js, TMDB API

Cloned Netflix interface with dynamic genre-based poster loading and trailer preview using The Movie Database (TMDB) API.

OLX Clone

React.js, Firebase

Users can sign up, log in, and upload products to sell. Data is stored in Firebase Firestore with image support.

User Management System

MERN Stack

Developed a full-featured user profile management system with CRUD operations, using intuitive UI and efficient backend logic.

EDUCATION

MERN Stack Web Development, BROTOTYPE, Calicut

Bootcamp
Certificate

Master of Chemistry, Central University of Kerala

2019 – 2021