AMAL N T

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ABOUT ME

Full-stack Web Developer skilled in React, Node.js, Express.js, TypeScript, and MongoDB, with hands-on experience in building and deploying scalable, high-performance web applications. Proficient in MVC, Repository and Clean Architecture patterns for structured and maintainable backend development. Strong expertise in RESTful API design, authentication/authorization (JWT, OAuth), and responsive UI development with Tailwind CSS. Adept at working with Git/GitHub, PostgreSQL, and cloud deployment (AWS, Vercel). Passionate about writing clean, efficient code, collaborating in team-driven environments, and pursuing continuous learning to stay updated with modern technologies.

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, React.js, Tailwind CSS, Bootstrap, Redux, Redux Toolkit
Backend: Node.js, Express.js, RESTful API, JWT, MVC Architecture, Repository Architecture, Clean Architecture
Database: MongoDB, Mongoose, SQL, PostgreSQL,Firestore
Familiar with: Git, AWS, Nginx, Firebase, Postman, Figma, Next.js, Razorpay, PayPal, Socket.IO, Data Structures and Algorithms

PROJECTS

REVAGE   Github

"An online store for diecast, featuring user and admin functionalities, completed as a personal project."

Key Contributions

- Developed a full-stack, server-rendered e-commerce web application using MongoDB, Express.js, and EJS.
- Designed responsive EJS templates for product listings, login/signup, and dashboard.
- Used `node-cache`, `express-session`, and `Nodemailer` for performance and security.
- Implemented Razorpay payments, Google OAuth, OTP login, CRUD admin dashboard, and chart visualizations.

Technologies Used

- **Backend:** Express.js, Node.js, MongoDB, node-cache, Nodemailer
- **Frontend:** EJS
- **Tools:** Git, GitHub, Postman, Figma

Mini Projects

Random Quote Generator - Dynamic quote display   GitHub |live Demo

- A mini React project where the user enters a number, and that many random quotes instantly appear—built to showcase dynamic rendering and state management in action.
- Built using functional components and React Hooks with Tailwind styling.

Book Management System - Backend with TypeScript   GitHub

- Built with **TypeScript** and Node.js using **repository architecture**.
- Implements full **CRUD** operations with a focus on Object-Oriented Programming concepts like classes, abstraction, and interfaces.

Netflix-Clone - Video streaming platform   GitHub

- It's a real-time Netflix clone build with **React** and **TMDB API**.
- It also includes live movie trailer playing with **React Player**.

Olx-Clone - Buy and sell products [GitHub]
- User interactive platform to buy or sell products.
- Integrated **Firestore** database and configured **Firebase Authentication** to streamline user access, resulting in a 40 percent reduction in login-related support tickets and enhancing overall user satisfaction metrics.

ToDo App - Task management tool [GitHub]
- Built using **React.js** to help users create, mark, and delete daily tasks efficiently.
- Implements local state management and functional components to ensure responsive, real-time UI updates.

Technologies Used

- **Frontend:** React.js, EJS, Tailwind CSS

- **Tools:** Git, GitHub, Postman, Firestore

EDUCATION

MERN Stack development   2025–present
Brototype, Ernakulam

MES T O Abdulla Memorial College (MGU), Bcom.Marketing   May 2023