

AMAL N T

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[Linkedin](#) | [Github](#)

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: Data Structures and Algorithms, Git, AWS, Nginx, Firebase, Postman, Figma, Razorpay, Redis, S3 bucket

PROJECTS

PHLO (Ongoing)

[GitHub](#)

“A MERN-based service booking platform where users can browse and book photography packages from verified professional photographers.”

Key Contributions

- Developing a full-stack platform connecting clients with verified professional photographers.
- Implementing secure authentication and authorization using JWT with three role types: Client, Creator (Photographer), and Admin.
- Designing end-to-end user flows including package browsing, booking management, subscription handling, and role-based dashboards.
- Building RESTful APIs for user management, bookings, photographer verification, subscription plans, and content management.
- Enabling clients to download wallpapers and premium content uploaded by creators.
- Structuring scalable MongoDB schemas to efficiently manage users, services, subscriptions, and booking data.

Technologies Used

- **Backend:** Node.js, Express.js, MongoDB, JWT
- **Frontend:** React.js
- **Tools:** Redis, S3 bucket, GitHub, Postman, Figma

REVAGE

[GitHub](#)

“A full-stack e-commerce website for diecast products with comprehensive user and admin functionalities.”

Key Contributions

- Built a server-rendered e-commerce web application using MongoDB, Express.js, and EJS.
- Designed responsive EJS templates for product listings, authentication workflows, and admin dashboards.

- Utilized `node-cache`, `express-session`, and `Nodemailer` to improve performance, reliability, and security.
- Integrated Razorpay payments, Google OAuth, OTP login, CRUD-enabled admin panel, and analytical 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.

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

2024–present

Brototype, Ernakulam

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

May 2023