

ADITHYAN M S

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TECHNICAL SKILLS

- Frontend : React.js ,Next.js ,Tailwind CSS ,GSAP ,Framer Motion, Material UI
- Backend : Node.js , Express.js ,JWT Auth
- Database/Tools : MongoDB ,PostgressSQL,Git/Github,Postman,Vercel

WORK EXPERIENCE

MEA(R)N Stack Development Intern

Luminar Technolab , Ernakulam

Aug 2025 – Present

- Built responsive MERN apps with **JWT auth**, role-based access, and **MongoDB CRUD** ,protected routes for 500+ simulated users.
- Created **dynamic** components using **React + Tailwind + GSAP/Framer Motion** animations.
- Designed **MVC architecture** with **REST APIs**; deployed to Vercel [\[Live Demo\]](#) [\[GitHub\]](#).
- Optimized performance across browsers/devices.

MERN Stack Developer Intern

Progressive Software Solutions & Training, Ernakulam

Aug 2024 – Mar 2025

- Independently developed a full-stack web application "**Dynamic Website Builder**" using **MongoDB**, **Express.js**, **React**, and **Node.js**.
- Designed and implemented core features such as drag-and-drop functionality, user authentication, and database operations.
- Practiced version control using **Git** and deployed the project to a cloud-based environment.

EDUCATION

03/2025 Bachelor of Computer Application

St. Mary's College of Commerce and Management Studies - Ernakulam,Kerala

PROJECTS

Dynamic Website Builder (MERN Stack)

- Built a **no-code drag-and-drop website editor** with real-time preview using JSON schema rendering and 100+ reusable UI components.
- Implemented **JWT authentication and secure REST APIs with MongoDB**, enabling user dashboards and template storage.
- Developed **crash-free static export** using **Tailwind + Vite**, allowing users to deploy full websites instantly.
- Improved **editor performance & rendering stability**, handling large JSON layouts smoothly.

TravelDude (Node/React/Postgress)

- Developed an **AI-powered travel planner** with user authentication, itinerary APIs, and responsive UI (Neon DB backend).
- **Optimized DB queries to cut latency ~50%**, improving personalization & response time.
- Implemented **session-based auth & secure route protection** for trip data.
- Designed **clean scalable API layers** for destinations, user preferences, and itinerary generation.
- Built **mobile-first UI** ensuring consistent experience across screens.

Bookstore (MERN)

- Built a **second-hand book marketplace** with secure user authentication, listings APIs, and responsive UI (MongoDB backend).
- Implemented **Google Authentication (OAuth2)** for seamless sign-in and enhanced user security.
- Used **Mongoose + Nodemon + Express** for API development and real-time backend testing workflow.
- Designed **full CRUD operations** for books, users, and wishlists with role-based validation.
- Ensured **reliable form handling & input validation** to prevent invalid data entries.

ACHIEVEMENTS & AWARDS

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- Completed a **MERN Stack Development Internship** from **13th August 2024 to 20th March 2025** at **Progressive Software Solutions & Training**, gaining hands-on experience in full-stack web development as part of the BCA curriculum under MG University.

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