

# ADITHYAN M S

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## TECHNICAL SKILLS

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

## WORK EXPERIENCE

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**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

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**03/2025 Bachelor of Computer Application**  
**St. Mary's College of Commerce and Management Studies - Ernakulam,Kerala**

## PROJECTS

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### **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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