

# ADITHYAN M S

Frontend Developer — React & Next.js Specialist — AI-Enhanced Development  
+91 7012489987 — adithyanms175@gmail.com — GitHub: AdithyanMS175 — Portfolio

## TECHNICAL SKILLS

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**Frontend Development:** React.js, Next.js, JavaScript (ES6+), HTML5, CSS3, React Native, Tailwind CSS, Material UI

**AI Development Tools:** Claude AI, Cursor IDE (AI-assisted coding), Vibe Coding, AI-powered development workflows

**APIs & Backend:** REST API integration, Node.js, Express.js, Authentication systems, Real-time updates, WebSocket

**Design & Tools:** Figma (UI/UX implementation), Responsive design, Cross-device compatibility, Git/GitHub

**Core Competencies:** Reusable UI components, Frontend-backend integration, Forms and validation, Data display, Troubleshooting, Debugging, User experience optimization, Performance optimization

## PORTFOLIO & LIVE PROJECTS

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### Live Applications:

**1. Dynamic Website Builder:** <https://adithyan-m-s.vercel.app> - No-code editor with drag-and-drop UI

**2. TravelDude AI Planner:** React + AI integration with authentication and real-time itinerary generation

**3. Bookstore Marketplace:** Full-stack MERN application with OAuth2, forms, and responsive design  
**GitHub:** [github.com/AdithyanMS175](https://github.com/AdithyanMS175) - 15+ repositories with production-ready code

## WORK EXPERIENCE

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**MERN Stack Development Intern** *Luminar Technolab, Ernakulam* *Aug 2024 – Present*

- Develop responsive web applications using React.js and Next.js, ensuring cross-device compatibility across mobile, tablet, and desktop platforms
- Integrate frontend with backend REST APIs for authentication, data display, forms submission, and real-time updates using JWT and WebSocket
- Build reusable UI components and implement Figma designs into pixel-perfect, responsive interfaces with Tailwind CSS and Material UI
- Troubleshoot and debug frontend issues, optimizing user experience through performance enhancements and efficient state management
- Stay updated with latest frontend trends including AI-assisted development tools and modern JavaScript frameworks

**MERN Stack Developer Intern** *Progressive Software Solutions & Training, Ernakulam* *Aug 2024 – Mar 2025*

- Developed responsive web applications with React.js, implementing frontend-backend integration through REST APIs for authentication and data management
- Created reusable UI component library with 100+ components, implementing forms with validation, real-time preview, and cross-device compatibility
- Integrated authentication systems using JWT, built data display interfaces with dynamic content rendering, and implemented user experience optimizations
- Performed troubleshooting and debugging to resolve UI/UX issues, ensuring responsive design across all devices and browsers

## PROJECTS

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**Dynamic Website Builder (React.js / Next.js / MERN Stack)**

- Built responsive web application using React.js and Next.js, implementing cross-device compatibility with mobile-first responsive design approach
- Integrated frontend with backend REST APIs for authentication (JWT), data display (JSON rendering), and real-time updates using WebSocket connections
- Developed 100+ reusable UI components from Figma designs, implementing forms with validation, drag-and-drop functionality, and error handling
- Performed extensive troubleshooting and debugging to optimize user experience, reducing load time by 40% through code-splitting and lazy loading
- Implemented authentication system with role-based access, data display dashboards, and real-time preview updates for seamless user interaction

### **TravelDude AI-Powered Travel Planner (React.js / Next.js / PostgreSQL)**

- Developed responsive AI-powered web application using React.js and Next.js, ensuring cross-device compatibility with mobile-optimized UI screens
- Integrated frontend with backend REST APIs for AI service communication, authentication, data display of itineraries, and real-time trip updates
- Built reusable UI components implementing Figma mockups, including complex forms for trip preferences, destination selection, and budget input
- Optimized user experience through performance tuning, reducing API latency by 50% and implementing efficient data caching strategies
- Troubleshoot and debugged integration issues between AI services and frontend, ensuring smooth real-time updates and data synchronization

### **Bookstore Marketplace (React.js / React Native / MERN Stack)**

- Built responsive web application with React.js and explored React Native for mobile version, ensuring cross-platform compatibility
- Integrated frontend with backend REST APIs for Google OAuth2 authentication, book data display, forms for listings, and real-time inventory updates
- Developed reusable UI component library from Figma designs using Tailwind CSS, implementing responsive layouts for all device sizes
- Created complex forms with validation for book uploads, user profiles, and wishlists, ensuring optimal user experience with error handling
- Performed troubleshooting and debugging across browsers and devices, optimizing performance for smooth data fetching and display

## **EDUCATION**

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### **Bachelor of Computer Application**

*Graduated: March 2025*

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

*Certified under MG University curriculum with specialization in Full-Stack Web Development*

## **CERTIFICATIONS & PROFESSIONAL DEVELOPMENT**

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### **MERN Stack Development Certification**

*Aug 2024 – Mar 2025*

Progressive Software Solutions & Training, Ernakulam

Comprehensive certification in React.js, Next.js, REST API integration, authentication systems, responsive design, frontend-backend integration, and modern development practices. Portfolio projects include three production-ready applications.

### **Advanced Frontend Development Training**

*Aug 2024 – Present*

Luminar Technolab, Ernakulam

Ongoing specialization in modern frontend frameworks (React, Next.js), AI-enhanced development workflows, responsive design patterns, cross-device compatibility, reusable component architecture, and emerging frontend technologies.