

# ADITHYAN M S

Senior Frontend Developer — Next.js & React.js Specialist

+91 7012489987 — adithyanms175@gmail.com — GitHub: AdithyanMS175 — Portfolio

## TECHNICAL SKILLS

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**Frontend Frameworks:** Next.js (SSR, SSG, ISR), React.js, TypeScript, Redux, Zustand, Context API

**Styling & Design:** Tailwind CSS, SCSS, Styled Components, Material UI, Responsive Design, Figma Implementation

**Backend & APIs:** Node.js, Express.js, RESTful APIs, JWT Authentication, OAuth Authorization, Third-party Integrations

**Database & Tools:** MongoDB, PostgreSQL, Git/GitHub, Postman, Vercel, Vite

**Core Competencies:** Reusable component libraries, State management, Performance optimization, SEO best practices, Security implementation, Scalable architecture, Clean maintainable code

## WORK EXPERIENCE

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

- Developed high-performance, scalable web applications using React.js and Next.js, implementing SSR and SSG rendering strategies for optimal performance and SEO optimization
- Built reusable component libraries and front-end components with Tailwind CSS, ensuring responsive, user-friendly UI across multiple devices and browsers
- Integrated RESTful APIs with authentication and authorization using JWT tokens and role-based access control for 500+ simulated users with protected routes
- Implemented state management using Redux and Context API patterns, optimizing application performance and maintaining clean, maintainable code following best practices
- Deployed production-ready applications to Vercel with CI/CD pipeline, ensuring security best practices and cross-browser compatibility

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

- Architected and developed full-stack "Dynamic Website Builder" application using React.js with scalable, component-driven architecture and Express.js RESTful API backend
- Designed and built reusable component library with 100+ UI components, implementing drag-and-drop functionality and real-time preview with performance optimization
- Integrated third-party services and implemented secure authentication and authorization using JWT tokens with MongoDB data persistence
- Ensured responsive design implementation from Figma mockups, maintaining security best practices and clean code standards throughout development lifecycle

## PROJECTS

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

- Built high-performance no-code website builder using Next.js with SSG for optimal SEO and performance, featuring real-time preview and JSON schema rendering
- Developed comprehensive reusable component library with 100+ customizable UI components styled with Tailwind CSS, enabling drag-and-drop functionality
- Implemented secure RESTful API integration with Express.js backend, JWT authentication and authorization, and Redux state management for user dashboards
- Architected scalable static export system using Next.js ISR and Vite bundler, allowing instant deployment of fully responsive, SEO-optimized websites
- Optimized performance through code-splitting, lazy loading, and React memoization, ensuring maintainable codebase and security best practices

### TravelDude (Next.js / Node.js / PostgreSQL)

- Developed scalable AI-powered travel planning application using Next.js with SSR for enhanced SEO and performance, implementing responsive mobile-first UI design
- Built RESTful API architecture with Express.js, integrating third-party AI services and authentication using session-based authorization with secure route protection
- Optimized PostgreSQL database queries using Neon DB backend, reducing API latency by 50% through efficient query design and caching strategies
- Implemented Zustand state management for clean, maintainable code and designed reusable components for destinations, preferences, and itinerary features
- Ensured cross-browser compatibility and responsive design implementation, following security best practices for user data protection

### Bookstore (MERN Stack with Next.js Frontend)

- Built scalable second-hand book marketplace using Next.js with SSG for SEO optimization and React.js component-driven architecture
- Integrated third-party authentication via Google OAuth2, implementing secure authorization flows and session management with enhanced security practices
- Developed RESTful API with Express.js and MongoDB, implementing full CRUD operations with role-based authorization and input validation
- Created reusable component library with Tailwind CSS for consistent, responsive UI design and maintained clean, maintainable codebase with Git version control
- Utilized Nodemon for real-time development workflow and implemented error handling best practices across frontend and backend

## EDUCATION

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### Bachelor of Computer Application

*Graduated: Mar 2025*

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

## PROFESSIONAL DEVELOPMENT

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### MERN Stack Development Internship

*Aug 2024 – Mar 2025*

Progressive Software Solutions & Training, Ernakulam

Completed intensive full-stack development program under MG University curriculum, specializing in Next.js, React.js, RESTful API development, state management, authentication/authorization, and scalable application architecture

### Advanced Frontend Development Training

*Aug 2024 – Present*

Luminar Technolab, Ernakulam

Ongoing advanced training in Next.js SSR/SSG/ISR patterns, performance optimization, SEO best practices, component library development, and enterprise-level application architecture