ANANTHU M A

MERN STACK DEVELOPER

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PROFILE SUMMARY

Skilled **MERN stack developer** with a strong ability to build scalable web applications and robust backends using **Node.js**, **Express.js**, and **Next.js**. Expertise in creating dynamic user interfaces with **React.js**, coupled with a problem solving mindset and keen attention to detail. Thrive in collaborative environments, demonstrate quick adaptability to new technologies, and consistently deliver high quality solutions.

PROJECTS

Wanderlust - Hotel and Restaurant Booking Platform   Live link | GitHub

A sophisticated platform designed to streamline hotel bookings, featuring an intuitive chatbot system for reservations. Includes a comprehensive admin panel for managing bookings and monitoring payment transactions.

- Search hotels based on location, availability, and preferences with a user friendly interface.
- Chatbot guides users through booking, providing instant responses and assistance.
- Secure authentication and booking management for enhanced user confidence.
- Seamless payment experience with support for various methods.
- Real time communication for instant updates on reservations and inquiries.
- Admin panel for managing users, tracking bookings, processing payments, and generating reports.
- Deployed in a scalable environment for high availability and reliability.
- **Technologies Used:** Express.js, MongoDB, React.js, TailwindCSS, TypeScript and Stripe.

Smart Depot - E-Commerce Application   Live link | GitHub

An e-commerce platform for smartphone service engineers and trainers, offering a marketplace for tools, spare parts, and equipment.

- Tailored shopping experience for browsing and purchasing repair tools.
- Secure payment gateway with multiple payment options.
- Dynamic product rendering for real time updates.
- Deployed in a robust cloud environment for high performance.
- **Technologies Used:** Express.js, MongoDB, EJS, Bootstrap and RazorPay.

Personal Portfolio   Live link | GitHub

A dynamic and interactive portfolio showcasing skills, projects, and professional journey.

- Engaging animations for an enhanced user experience.
- Sleek, modern design highlighting key information clearly.
- Interactive icons for improved navigation.
- Built with type safe, robust code to ensure reliability.
- **Technologies Used:** Next.js, TypeScript and TailwindCSS.

MINI PROJECTS

Password Generator Online   **GitHub**

- Generate secure passwords based on user defined length and complexity.
- Store passwords securely using encryption.
- **Technologies Used:** React.js, Tailwind CSS, Node.js, MongoDB, TypeScript.

Netflix Clone   **GitHub**

- Fetch and display updated content from TMDB API dynamically.
- Engaging user interface for seamless content consumption.
- **Technologies Used:** React.js, CSS, Axios, TMDB API.

TECHNICAL SKILLS

- **Full-Stack Development:** Node.js, Express.js, React.js, MongoDB, Next.js.
- **Front-End Development:** React.js, JavaScript, TypeScript, Tailwind CSS, Bootstrap, HTML, EJS, CSS.
- **Back-End Development:** Node.js, Express.js, REST-API.
- **Database:** MongoDB, PostgreSQL, Mongoose.
- **Architecture:** CLEAN, MVC.
- **Integrations:** Razorpay, Stripe, Firebase, JSON Web Tokens (JWT), Google OAuth 2.0, Multer, Socket.IO, Google Places API, React Chatbotify, Chart.js.
- **Prototyping Tools:** Figma.
- **Version Control:** Git, GitHub.
- **API Tools:** Postman, Thunder Client.
- **Cloud Services:** AWS EC2, S3, IAM, Route 53.
- **Familiar With:** Redux, Redux Toolkit, Vercel, Render, Netlify, Hostinger, AWS, Axios, Nodemailer, Nginx, Framer Motion.

EDUCATION

MERN Stack Development	**Brototype, Calicut**	**2023 - Present**
Diploma in Electronics Engineering CGPA: 7.52	**Board of Technical Education, Kerala**	**2013 - 2016**
Plus Two in Computer Science Percentage: 80%	**VHSE, Kerala**	**2011 - 2013**