Dhana Balan K

Full Stack Developer | MERN Stack Engineer | Web Application Developer

101-E Oil Mill Colony Kamarajar
Road , Sivakasi - 626124
Mobile : +91-7010276463
Mail: dhanabalank22@gmail.com
Portfolio : Link
LinkedIn : Link

PROFESSIONAL SUMMARY

Highly motivated and detail-oriented Full Stack Web Developer with hands-on experience in building responsive and scalable web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js). Proficient in developing RESTful APIs, integrating front-end and back-end systems, and working with MySQL database. Demonstrates strong problem-solving abilities, clean coding practices, and a solid understanding of version control with Git and GitHub. Passionate about developing user-centric applications with clean UI/UX using modern frameworks like React, Bootstrap, and Tailwind CSS. Quick to learn new technologies, adaptable to agile environments, and dedicated to writing efficient, maintainable code. Committed to continuous learning and contributing to collaborative, fast-paced development teams

EDUCATION

Kathir College Of Engineering, **Coimbatore**
Bachelor of Engineering (BE) - Electronics and Communication Engineering
June 2019 - July 2023

Completed Full-Stack Web Development (MERN) training at GUVI Geeks.
April 2024 - October 2024

PROJECTS

Hotel Booking — Full-Stack(MERN) | Link

- Developed a modern and scalable hotel booking system, allowing users to search for hotels, check availability, and make reservations.
  Tech Stack: React.js, Node.js, Express.js, MongoDB, Stripe API, JWT Authentication.
  Key Features: Secure user authentication, dynamic room booking, Stripe-powered payments.
  Impact: Streamlined hotel booking process and enhanced user experience.

Restaurant Management — Full-Stack(MERN) | Link

- A comprehensive restaurant management system to handle reservations, orders, inventory, and staff scheduling.
  Tech Stack: React.js, Redux, Node.js, Express, MongoDB, JWT, Material-UI.
  Key Features: Menu and order management, role-based access for staff, real-time table reservations.
  Challenges & Solutions: Integrated real-time updates to prevent double-booking.

Expense Tracker — Full-Stack(MERN) | Link

- Built a financial management tool that helps users track expenses, categorize spending, and gain insights.
  Tech Stack: React.js, Node.js, Express.js, MongoDB, Chart.js, JWT,Mongoose Authentication. **Key Features:** Budgeting tools, shared expenses, recurring payments, graphical insights.
  Impact: Helped users efficiently manage their monthly expenses and visualize spending trends.

Blog App — Full-Stack(MERN) | Link

- Designed a dynamic blogging platform where users can write, share, and engage with content.
  Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, Redux,Mongoose.
  Key Features: User authentication, profile management, post creation, nested comments, likes, and bookmarks.
  Impact: Created a seamless and engaging platform for content creators.

TECHNICAL SKILLS

- HTML5, CSS3, Bootstrap
- JavaScript (ES6+)
- React.js (Context API , Redux)
- Tailwind CSS
- Typescript
- Node.js , Express.js
- MySQL , MongoDB , Mongoose
- State & Data Management , Routing
- Authentication (JWT , OAuth , Passport.js , WebSocket , RESTful APIs)
- Cloud & Deployment (Netlify , Render , AWS Docker)

TOOLS

- Version Control (Git / Github)
- Kubernetes
- API Testing (Postman)
- Package Manager (Npm)

SOFT SKILLS

- Problem Solving
- Analytical Thinking
- Communication
- Team Collaboration
- Time Management
- Quick Learner
- Attention to Detail

CREDENTIALS

- Completed **Zen Full Stack Developer Program at GUVI Geeks**, specializing in MERN stack and web development. | Link
- Completed **Basics of IOT** Internship at Pofi Technologies. | Link
- Attended a one-day **Python workshop**, gaining foundational knowledge in programming. | Link
- Completed **Entrepreneurship workshop** on innovation skills. | Link

LANGUAGES

- Tamil (Native)
- English (Professional)