

Manikandan R

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PROFESSIONAL SUMMARY

- Final-year B.Tech CSE student with hands-on experience in full-stack web development using the MERN stack. Passionate about building scalable, user-friendly applications. Actively seeking an
- SDE/Software Developer role to create impactful solutions.

PROFESSIONAL EXPERIENCE

Frontend Web Development Intern Next24 Tech (Jun–Aug 2024)

Built responsive UI components using React.js + Vite, Tailwind CSS, HTML5, JavaScript

PROJECTS

➤ Twitter Clone – “MERN Stack” <https://github.com/Manikandan0018/x-clone.git>

Developed a feature-rich full-stack social media platform using **MongoDB, Express.js, React.js, and Node.js (MERN)**.

- Implemented **JWT-based user authentication**, post creation with threaded comments, and a dynamic following system.
- Engineered a **custom content moderation engine** to detect and flag inappropriate behavior, auto-blocking users after three violations.
- Integrated **real-time interactions** with React state management for seamless user experience.
- Emphasized **backend scalability** and **community trust**, showcasing moderation and behavioral analytics logic

➤ Car Rental Website – “MERN Stack” <https://manikandan0018.github.io/carRental/>

Built a scalable and secure car rental web application with a **real-time booking system** and **Stripe payment integration**.

- Designed **role-based access control** for admins (manage cars/bookings) and users (book and browse cars).
- Integrated **live vehicle availability** tracking with responsive UI/UX for both desktop and mobile users.
- Employed **secure APIs**, optimized MongoDB queries, and **modular architecture** for maintainability and performance.
- Focused on **payment security**, error handling, and **transaction integrity** using Stripe API.

➤ Luxury Apartment Webpage “Frontend - React.js” <https://manikandan0018.github.io/KovaisAppartment/>

Developed a modern, responsive single-page frontend for showcasing a luxury apartment lifestyle.

- Designed an elegant layout using **React.js components** and **Tailwind CSS utility-first styling**.
- Highlighted key amenities like gym, restaurant, rooms, and barbershop to represent a complete lifestyle experience.
- Focused on **SEO optimization**, responsive design, and **smooth UI transitions** to enhance engagement and aesthetics.
- Demonstrated strong frontend architecture and attention to visual storytelling.

➤ Trust Information Portal – “MERN Stack” <https://manikandan0018.github.io/trust/>

Developed a secure, media-centric communication platform to share daily updates and event announcements.

- Integrated **Cloudinary** for image handling and optimized media delivery.
- Built **role-based access system** to differentiate between user and admin functionalities.
- Enabled real-time post publishing, event management, and **moderated content control**.
- Delivered a **mobile-first, responsive design** using **Tailwind CSS** for a consistent cross-device experience.
- Applied **best practices in data validation, session handling, and deployment strategy**.

EDUCATION

Kalasalingam University - BTECH computer Science and Engineering

ST Therasa Matric Higher Secondary School - Higher secondary | 80%

SKILLS

Languages: JavaScript (ES6+), TypeScript (Basic), Python

Frontend: React.js, HTML5, CSS3, Bootstrap, Tailwind CSS, jQuery (Familiar), XML (Familiar)

Backend: Node.js, Express.js, RESTful APIs

Database: MongoDB, MySQL

Cloud & DevOps: AWS (Basics), Firebase, CI/CD, GitHub Actions

Tools: Git, GitHub, Postman, Cloudinary, Netlify, Render, Stripe API, Figma

Soft Skills: Team Collaboration, Communication, Problem-Solving, Remote Work Adaptability

Other: MVC, Design Patterns, Responsive Design, API Integration, Push Notifications

CERTIFICATIONS

- **React.js Mastery Course** – Udemy
- **JavaScript Mastery Course** – Udemy