

YOGADEEPAN

MERN Stack Developer

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Executive Summary

Results-driven MERN stack developer with hands-on experience building self-initiated projects using React, Node.js, Express, MongoDB, Tailwind CSS, Redux, and Framer Motion. Committed to writing clean, maintainable code and eager to contribute to real-world development teams while continuously enhancing technical proficiency.

Projects

CleanEase | *Residential & Commercial Cleaning Web App* | 🌐 [Live Demo](#) Nov 2024 – Mar 2025

Technologies: React.js, Tailwind CSS, Redux, Node.js, Express.js, MongoDB, Firebase, Stripe API, JWT, OAuth

- Developed a full-stack MERN application for end-to-end management of cleaning services across residential and commercial clients.
- Implemented role-based access with separate dashboards and features for users and administrators.
- Implemented Firebase and JWT-based role authentication for secure login and access control.
- Developed a booking system with recurring appointments, service scheduling, and real-time alerts.
- Designed a responsive UI using React, Tailwind CSS, and Flowbite for seamless user experience.
- Integrated Stripe for secure payments and automated order confirmations.
- Created RESTful APIs for users, services, orders, and reviews with Node.js, Express, and MongoDB.
- Improved UX with custom checklists, advanced filters, and customer reviews.

RYD-Portfolio | *Personal Portfolio to Showcase Mini Projects* | 🌐 [Live Demo](#) Mar 2025 – Present

Technologies: React.js, Tailwind CSS, Framer Motion, Lottie, EmailJS

- Built a responsive portfolio with sections for About, Education, Skills, Projects, and Contact.
- Showcased 10+ mini projects with live demos and source code links.
- Added Framer Motion, Lottie animations, and a contact form with resume download.

Technical Skills

Frontend: HTML, CSS, JavaScript, React.js, Redux Toolkit, Tailwind CSS, Bootstrap, Framer Motion

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

Databases & Authentication: MongoDB, MySQL, Firebase, JWT, OAuth

Developer Tools: Git, GitHub, VS Code, Postman, MongoDB Compass

Internship Experience

Ethical Hacking and System Security Intern | Zero2Infynite Security & Research Jun 2022 – Nov 2022

Key Learnings:

[View Certificate](#)

- Completed CEH modules on hacking, vulnerability assessment, and information security.
- Gained hands-on experience in network types, IP address classes, and basic Linux commands.
- Explored reconnaissance, enumeration, scanning, and password cracking techniques.
- Conducted practical sessions on malware, web server hacking, and wireless hacking.

Responsibilities:

- Assisted in organizing webinars and seminars on ethical hacking at various colleges.
- Set up laptops for practical sessions, including installation of VM Ware, VirtualBox, and Kali Linux OS.
- Provided technical support during hands-on activities, ensuring smooth execution of virtual environment and network setups.

Certifications

ZEN Full Stack Developer Program (MERN) — 📄 [View Certificate](#) Mar 2024 – Aug 2024
GUVI Geek Network Pvt. Ltd

Education

M.Sc Computer Science | CGPA: 8.10 | Sir Theagaraya College, Chennai Jun 2021 – May 2023

B.Sc Computer Science | CGPA: 6.34 | Sir Theagaraya College, Chennai Jun 2017 – Apr 2020

Personal Achievements

Completed 5 years in NCC, attaining Cadet Under Officer (CUO) rank, leading 100+ cadets. Represented TamilNadu at RDC IGC 2019 and attended the Army Attachment Camp with the DOGRA Regiment in Hyderabad. Awarded Best Parade Commander in inter-college competitions.