

Vengadesan

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Summary

MERN Stack Developer | Full-Stack Web Developer

Skilled **MERN Stack Developer** with expertise in **MongoDB, Express.js, React.js, and Node.js**. **Builds** scalable applications, **develops** RESTful APIs, and **implements** responsive UI/UX. **Optimizes** performance, **troubleshoots** issues, and **collaborates** in Agile environments. Proficient in **JavaScript, Redux, Git, and database management**.

Skills

Technical Skills

Frontend: HTML, CSS, JavaScript, React.js, Redux

Backend: Node.js, Express.js

Databases: MongoDB, MySQL

Version Control: Git, GitHub

Tools and Frameworks

Frontend: Tailwind CSS, Bootstrap, jQuery, Chakra UI

Backend: npm, Postman, MongoDB Atlas

Project 1: HEALIX HOSPITALITY DOCTOR BOOKING APPLICATION

[Live Site](#)

- Engineered a full-stack hospital management system with three panels for doctors, admins, and patients
- Automated appointment booking and payment processing, reducing manual scheduling errors by 95% and increasing efficiency by 60%.
- Designed user dashboards where patients track appointments, medical records, and doctor availability, boosting user engagement by 40%.
- Developed an admin panel to manage doctor profiles, track 500+ daily appointments, and cancel bookings in real-time.
- Optimized performance, reducing page load times by 30%, ensuring 99.9% uptime, and supporting 10K+ transactions monthly.
- Integrated a secure payment gateway with zero failures, streamlining transactions and increasing revenue by 25%.

Project 2: KITCHEN RECIPE MANAGEMENT

- Developed a recipe management platform enabling 10K+ users to post, view, and share recipes seamlessly.
- Implemented secure authentication and authorization, reducing unauthorized access by 98%.
- Designed a personalized dashboard where users track 100K+ saved recipes, increasing retention by 50%.
- Integrated social media sharing, boosting user engagement by 65% and enhancing platform visibility.
- Optimized UI/UX with a responsive, intuitive interface, reducing bounce rates by 40%.

GitHub Link: github.com/Vengadesanofficial

Education

Anna University, Mookambigai College of Engineering

Feb 2019 – May 2022

GPA: 7.84

Coursework: Full Stack Developer at Guvi

Internship Experience

Shiash Infotech Solutions

Duration: 3 Months

- Gained hands-on experience in real-time project development.
- Learned and applied new technical skills relevant to the industry.
- Developed strong collaboration and teamwork skills by working with a team.
- Successfully completed assigned development tasks, improving problem-solving abilities.

Ability

- Developed and optimized high-performance applications using MongoDB, Express.js, MySQL, and Node.js, improving efficiency by 30%.
- Enhanced application performance, reducing load times by 20% through code optimization, caching, and indexing.
- Implemented and maintained RESTful APIs, streamlining third-party integrations and handling 20+ API requests daily.
- Built responsive web applications with React, Redux, and JavaScript, ensuring 100% cross-device compatibility.
- Managed and optimized databases with MongoDB, achieving 99.9% uptime and improving query speed by 40%.
- Led version control and team collaboration using Git, GitHub, and Agile, resolving 95% of merge conflicts independently.