VIGNESH T

Web Developer

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PROFESSIONAL SUMMARY

Web Developer skilled in building responsive, scalable, and efficient web applications using React, Node.js, Express.js, and PostgreSQL. Experienced in REST API development, authentication/authorization, and database management across SQL and NoSQL systems. Strong problem-solving skills with a focus on performance optimization, clean code, and cross-browser compatibility. Passionate about delivering reliable web solutions that meet business requirements.

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript (ES6+), React, Tailwind CSS, PWA/TWA, Remotion

Backend: Node.js, Express.js, REST APIs, Authentication & Authorization

Databases: PostgreSQL, MySQL, MongoDB, Firebase, Knex.js

Tools: Git, GitHub

Strengths: Problem-Solving, Scalable Architecture, Code Optimization, Performance Tuning, End-to-End Development, Responsive Design, Debugging, Agile Collaboration

EXPERIENCE

Web Developer

Yaash, Theni   *Jul 2024 – Present*

- Built and maintained responsive, cross-browser compatible UI components using React and modern CSS practices, improving site usability and accessibility.
- Designed and integrated RESTful APIs with Node.js and Express.js to enable seamless data flow between frontend and backend systems.
- Managed and optimized database queries across PostgreSQL, MySQL, and MongoDB using Knex.js, enhancing application efficiency and scalability.
- Collaborated with team members in agile workflows to deliver features on schedule while maintaining high standards of code quality and documentation.
- Diagnosed and resolved performance bottlenecks and critical bugs, improving system stability and reducing load times.

PROJECTS

Promo – SaaS Video Creation Platform

Tech: React, Redux, Node.js, Express.js, Firebase, PostgreSQL, Knex.js   *Mar 2025 – Apr 2025*

- Developed a SaaS platform enabling users to generate and publish promotional videos from customizable templates.
- Built a real-time analytics dashboard to monitor video creation, exports, template usage, and user engagement metrics.
- Implemented secure JWT-based authentication and role-based access control to protect user data and admin functionality.
- Integrated external APIs for automated video rendering, metadata enhancement, and multi-platform publishing workflows.

Ammayappan Angadi – Farmer Quick-Commerce Platform

Tech: React, Context API, Node.js, Express.js, PostgreSQL, Firebase   *Feb 2025 – Mar 2025*

- Built a farmer-to-consumer e-commerce platform allowing local farmers to sell fresh produce directly to nearby customers.
- Implemented product browsing with search, filters, live cart synchronization, and a secure checkout process.
- Created an admin portal for managing inventory, GST settings, banners, and full order lifecycle (pending → delivered).
- Designed scalable backend APIs to support real-time inventory updates and handle high-volume orders efficiently.

EDUCATION

Bachelor of Commerce (Computer Applications)

Theni Kammavar Sangam College of Arts & Science, Theni   *Jul 2024*

CGPA: 7.6 / 10