

Vignesh

+91 6382409401 | vigneshselvam504@gmail.com | [Linkedin](#) | [Github](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Software Developer experienced in crafting interactive, performance-driven web applications using React, Angular, and Next.js. Proficient in building scalable backend APIs with Node.js and working with databases like MongoDB and MySQL. Strong focus on delivering intuitive user experiences, clean code, and reliable system integration.

TECHNICAL SKILLS

Languages: Python, JavaScript

Frameworks & Libraries: React, Angular, Nextjs, Node.js, Express.js

Database: MongoDB , MySQL

Developer Tools: Git

EXPERIENCE

Software Developer

AAPGS Private Limited

Mar 2025 – Present

Madurai , Tamilnadu

IOT Management (MEAN - MongoDB, Express, Angular, Nodejs)

- Built customizable, real-time dashboards using **Socket.IO** and **ECharts** to visualize live IoT data streams without page reloads, enhancing system responsiveness and observability.
- Built a flexible chart configuration engine that dynamically renders form inputs and design options based on chart type, supporting tailored user experiences with minimal complexity.
- Created a smart table widget with dynamic column selection, resizing, and pagination to efficiently handle large datasets.
- Implemented real-time auto save and multi-dashboard switching via **Socket.IO**, ensuring seamless user experience without loss of configuration.
- Leveraged **Gridster3** to enable drag-and-drop positioning of modular widgets, allowing fully customizable dashboard layouts.

Spicy Greens (Nextjs , MongoDB)

- Improved initial load performance by 40% in the product section through image lazy loading.
- Developed a dynamic reservation system with admin-controlled toggles to switch between automated and manual replies, streamlining reservation workflows from the dashboard.
- Secured admin routes using cookie-based JWT authentication with Next.js middleware for seamless and protected session validation.
- Enabled multi-image upload and gallery management for menu and dining sections, giving admins full content control.
- Implemented category-based filtering and status toggling for menu items, streamlining admin control over product visibility and enabling tailored frontend displays.

Web Developer

E-Careerpluz Private Limited

Dec 2024 – Feb 2025

Madurai , Tamilnadu

- Designed and developed a comprehensive website offering digital services, business consulting, and legal advisory
- Developed backend functionality with PHP to handle email notifications, subscription emails, and contact form submissions and Implemented responsive design techniques to ensure optimal user experience across devices.
- Utilized HTML, CSS, and JavaScript to create interactive and user-friendly interfaces and Collaborated with stakeholders to align the website's features with business objectives.

EDUCATION

The Madura College

Bachelor of Science in Information Technology

Madurai, Tamilnadu

Aug. 2021 – May 2024