

Vignesh G

Senior Web Developer | React, Next.js, MERN Stack | AI-Enhanced Productivity

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Portfolio: vigneshg.netlify.app | Github: github.com/VigneshG1616

Professional Summary

Senior Frontend Engineer with **8+ years of experience** building scalable, high-performance web applications using modern JavaScript technologies including **React, Next.js, and Node.js**. Experienced in architecting **Single Page Applications (SPA)** and optimizing frontend performance through efficient state management, caching, and data-fetching strategies using **TanStack Query, REST, and GraphQL**. Proven ability to lead frontend initiatives, collaborate with cross-functional teams, and deliver user-centric solutions for **large-scale platforms serving 340,000+ global users across 70+ countries**. Passionate about clean architecture, reusable component design, and mentoring developers while driving engineering best practices.

Work Experience

Senior Web Developer

Business Network International (bni.com), Bengaluru | May 2024 – Present

- Leading frontend engineering for large-scale web platforms using **React and Next.js**, architecting modular component systems and implementing **server-side rendering (SSR)** to improve performance and SEO.
- Designing scalable **Single Page Application (SPA)** architecture for member-facing platforms used by **340,000+ global users across 70+ countries**.
- Implementing efficient API data management and caching strategies using **TanStack Query**, reducing redundant network requests and improving application responsiveness.
- Integrating **REST and GraphQL APIs** to support complex data requirements across product modules.
- Driving frontend performance optimization through **code splitting, lazy loading, and bundle optimization**.
- Conducting **code reviews, mentoring developers**, and enforcing engineering best practices including reusable component design and clean code principles.

Web Developer

Business Network International (bni.com), Bengaluru | Feb 2022 – Apr 2024

- Developed and maintained modern web applications using **React and Node.js**, supporting a global membership platform.
- Implemented **state management and asynchronous data handling using TanStack Query**, improving frontend performance and developer productivity.
- Contributed to the **migration of legacy systems to modern JavaScript frameworks**, enhancing scalability and maintainability.
- Integrated **backend APIs and authentication workflows**, ensuring secure and reliable data exchange.

- Maintained and extended a **PHP-based CMS supporting 11,300+ multilingual websites**, improving stability and operational efficiency.
- Worked with **Handlebars templating** and collaborated with backend teams on **Node.js services including Express and Koa** for efficient API integration.

Lead Frontend Developer

Greenhouse Brandworks, Bengaluru | Aug 2020 – Sep 2021

- Spearheaded frontend development for multiple client projects, building responsive and cross-browser compatible interfaces using **HTML5, CSS3, JavaScript, jQuery, and Bootstrap**.
- Developed reusable UI components using **React (both class-based and functional components)**, improving code maintainability and accelerating feature delivery.
- Collaborated with product managers and stakeholders to translate business requirements into scalable frontend solutions and interactive user experiences.
- Worked closely with UX/UI designers to implement intuitive and user-friendly interfaces while ensuring design consistency across devices and browsers.
- Optimized frontend performance and improved page responsiveness through efficient DOM manipulation, component reuse, and modular JavaScript practices.

System Engineer

Easta Services, Bengaluru | Jul 2017 – Aug 2019

Software Developer

Glisten Project Solutions Pvt Ltd, Bengaluru | Jan 2017 – Jul 2017

Skills

- **Frontend:** React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Redux, Redux Toolkit, TanStack Query, GraphQL, MUI, Bootstrap.
- **Backend & Databases:** Node.js, Express.js, Koa.js, PHP (Phalcon), MongoDB, MySQL, MariaDB, Firebase.
- **DevOps & Tools:** Docker, Redis, Git, GitHub, GitLab, CI/CD, Postman, Lens, Webpack.
- **Design & Prototyping:** Figma, Canva, Illustrator, CorelDRAW, Photoshop.
- **AI & Productivity Tools:** Perplexity, ChatGPT, Copilot, Gemini, Notion AI.

Education

Bachelor of Engineering (Aeronautical)

SCTIT, Bengaluru | 2012 – 2016

Additional Information

- Location: Bengaluru, India
- Languages: English, Kannada, Hindi, Tamil, Telugu
- Projects - Live demo and codebase link at vigneshg.netlify.app