GLEN FLAVIAN PAIS Senior Frontend Developer

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OBJECTIVE

Highly skilled and detail-oriented Senior Frontend Developer with 9+ years of experience in building scalable and high-performance web applications. Expertise in Next.js, React, Angular, and Vue.js, with a strong focus on performance optimization, caching strategies, and modern web development practices. Proven ability to deliver cutting-edge solutions for diverse industries, including e-commerce, insurance, and retail.

RELEVANT SKILLS

Languages & Frameworks: TypeScript, React, Redux, Next.js, Node.js, Angular, Vue.js, JavaScript, CSS, HTML, PHP, .NET, GraphQL, Python, Zustand store, MongoDB,Firebase, SQL, TailwindCSS, Express JS, Svelte, GraphQL

Tools & Technologies: Babel, Webpack, Bazel, Jest, ESLint, Prettier, Jenkins, Docker, Kubernetes, Figma, GIT, VSCODE, RALLY, JIRA, VSTS, ATOM, Contentful, Turbo Repo, NX, Cypress, Jasmine, Vercel, Netlify, PNPM, SWC

Other: Snowplow Analytics, Azure, AWS, GCP, Storybook, DAST Scan, Veracode, JSON-RPC, GIT workflows, web sockets

PROFESSIONAL EXPERIENCE

Senior Web Developer (E-Commerce) - Loblaws Digital
Toronto, 2021–Present

- Led development of scalable, high-performance web applications for a major retail and e-commerce platform using Next.js, optimizing server-side rendering (SSR) and static site generation (SSG) for enhanced speed and SEO.
- Achieved significant performance improvements by implementing caching strategies (Redis, browser caching) and CDN optimization, resulting in improved Lighthouse scores, crucial for enhancing the online shopping experience.
- Enhanced performance with code-splitting, lazy loading, and memoization in React, achieving faster load times and a smoother user experience, vital in a fast paced retail environment.
- Designed and served as a core developer for "Project Iceberg," a Next.js-based web application, contributing to a 20% improvement in user engagement and performance.
- Implemented micro frontend architecture using Webpack Module Federation and integrated Docker and Kubernetes for container orchestration, enhancing scalability and deployment efficiency.
- Explored and implemented aspects of Progressive Web Apps (PWAs) within key customer facing components, focusing on offline capabilities and enhancing user engagement.
- Developed and integrated complex data fetching solutions using GraphQL, reducing network latency and improving client-side performance.
- Built a component library with Storybook, enhancing UI consistency and accelerating development cycles by 30%.
- Developed CI/CD pipelines leveraging Jenkins, Docker, and Kubernetes, improving deployment speed by 40%.
- Managed state in React applications using Redux, Context API and Zustand, simplifying complex state management and boosting responsiveness.
- Mentored junior developers, led code reviews, and ensured best practices for accessibility (WCAG).
- Implemented comprehensive end-to-end testing with Cypress and unit testing with Jest and Jasmine, ensuring high reliability and performance of web applications by catching critical issues early in the development process.

Senior Frontend Developer - The Hartford Insurance / Infosys
Toronto, , Dec 2019 - Nov 2021

- Developed complex web applications for the insurance sector using Angular 10, React.js, and Vue.js, focusing on secure and reliable user interfaces.

- Improved performance by implementing code splitting and optimizing webpack configurations, which led to a 25% decrease in load times.
- Designed efficient GraphQL queries and mutations to optimize data retrieval processes, reducing load times and enhancing user experience.
- Implemented service workers for offline caching, improving application reliability and load times.
- Managed a mono repository housing multiple projects, ensuring clear organization of code modules and directories for streamlined development and maintenance.
- Managed complex application state using Redux and ngStore libraries.
- Utilized Node, NPM, Webpack, and Gulp for efficient build processes and automation.
- Managed containerized applications using Kubernetes, ensuring efficient deployment, scaling, and operations across clusters.
- Implemented a modular CSS architecture using SASS, which streamlined styling processes and reduced code redundancy across multiple projects by 25%.
- Created and utilized Python scripts to automate testing and build processes, ensuring a smooth and efficient development pipeline
- Developed Node.js backend services and APIs to support frontend applications, ensuring efficient data handling and integration with external systems.
- Utilized ECMAScript 6 features such as classes, modules, and arrow functions to write modern, maintainable JavaScript code

Technology Analyst - Infosys Limited

India, , Jan 2017 – Dec 2019

- Developed user interfaces using JavaScript, React, TypeScript, Angular, Node.js, and CSS frameworks. Experience includes projects with potential audit implications, requiring attention to detail and data integrity.
- Implemented automated testing using Karma, Jasmine, and Protractor to ensure code quality.
- Implemented authentication and authorization using Angular Guard and JWT.
- Built real-time features using WebSocket and Socket.io, providing live updates and interactive elements for users.
- Contributed to a 15% reduction in the frontend codebase size by refactoring legacy code and introducing component-based design patterns.

Software Engineer - Bolas Intelli Solutions Ltd

India, Oct 2014–March 2017

- Built robust components, services, and directives using Angular, JQuery, and Vanilla JS.
- Designed and implemented RESTful APIs with Express.js (NodeJS) and PHP, ensuring efficient data handling and seamless integration with frontend applications.
- Implemented best practices for responsive design and cross-browser compatibility.
- Created responsive designs for mobile applications, built wireframes, and developed prototypes for web development projects.
- Optimized cross-browser compatibility by implementing polyfills and fallbacks, ensuring a seamless user experience and a 10% drop in customer complaints regarding browser issues.

AWARDS
- 1st Prize in INFOSYS / PWC Hackathon
- Best Performer Award for consistently exceeding performance

EDUCATION
- Masters of Computer Applications (MCA) , 2014
- Bachelor of Commerce (BCOM) , 2011