

# GLEN FLAVIAN PAIS

Senior Frontend Developer

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## OBJECTIVE

**Senior Frontend Developer** with 10+ years of experience building scalable, high-performance web applications using **Next.js, React, Angular, and Vue.js**. Skilled in performance optimization, SSR/SSG, caching strategies, and modern UI architecture. Experienced in integrating **AI tools** like **Cursor, Claude Code, and OpenAI APIs** to boost development efficiency and build intelligent user features. Proven track record across e-commerce, insurance, and retail sectors.

## 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, Ember.js, SASS, LESS

**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

**AI TOOLS:** Cursor, Copilot, Claude, OpenAI ChatGPT, Google Analytics

## PROFESSIONAL EXPERIENCE

### Senior Frontend Developer (E-Commerce) – Loblaws Digital

Toronto, 2021–Present

- Architected scalable, high-performance web platforms for a major retail and e-commerce business using Next.js, React, and Angular—optimizing server-side rendering (SSR) and static site generation (SSG) to enhance speed, SEO, and maintainability.
- 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.
- Integrated **OpenAI API** into internal tooling for **automated code reviews, documentation generation, and developer Q&A bots**, improving internal velocity and reducing onboarding time.
- Evaluated and implemented **MCP frameworks** to streamline model inference and deployment pipelines.
- Streamlined the development process by integrating **Vite** into existing frontend projects, reducing build times by over 50% and improving overall developer experience.
- Implemented micro frontend architecture using Webpack Module Federation and integrated **Docker** and **Kubernetes** for container orchestration, enhancing scalability and deployment efficiency.
- Developed **custom RAG (Retrieval-Augmented Generation) pipelines** to enhance customer support tools and internal search functionality using vector embeddings and OpenAI models.
- Developed and integrated complex data fetching solutions using **GraphQL**, reducing network latency and improving client-side performance.
- Designed and implemented observability dashboards using **Grafana** to monitor application performance, detect anomalies, and improve system reliability.
- Managed state in React applications using **Redux**, Context API and **Zustand**, simplifying complex state management and boosting responsiveness.
- Developed and maintained an accessible (**WCAG**) Web Components library, enhancing UI consistency and reducing redundant development across applications.
- 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.

- Integrated AI-based coding assistants like **Cursor** and **Claude** Code to improve developer velocity and reduce repetitive boilerplate tasks by ~30%, especially in test generation and refactoring
- Used Claude Code and AI-assisted static analysis tools to perform code reviews and improve maintainability.

### **Senior Frontend Developer - The Hartford Insurance / Infosys**

*Toronto, , Dec 2019 - Nov 2021*

- Developed web applications for the insurance sector using Angular 10, React.js, and **Vue.js**, focusing on secure and reliable user interfaces.
- Integrated AWS Lambda with services like API Gateway, S3, DynamoDB, and EventBridge to automate workflows and microservices.
- 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 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%.
- Developed **Node.js** backend (**Express.js**) services and APIs to support frontend applications, ensuring efficient data handling and integration with external systems.

### **Technology Analyst - Infosys Limited**

*India, , Jan 2017 - Dec 2019*

- Developed complex web applications using JavaScript, React, **TypeScript**, Angular, RxJS/**NgRx**, 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**, Jest 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

### **EDUCATION**

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