Jose Henriquez

London, Ontario • (548) 881-0553
luis.henriquezca95@gmail.com | github | LinkedIn

WORK EXPERIENCE

LYNKED Inc - *Full-Stack Developer* September/2024 – *Present*

- Leading the modernization of legacy systems into production-grade microservices using TypeScript, Java, and Node.js; implemented auto-scaling strategies to handle peak loads.
- Optimized PostgreSQL architecture (indexing, query rewriting), reducing query response times by 40% and significantly increasing API throughput.
- Designed resilient REST APIs with fault-tolerance patterns (circuit breakers, retries, bulkheads) supporting millions of concurrent calls.
- Developed resilient PWAs and web apps using React, Vue, and TypeScript; implemented offline capabilities and client-side caching to reduce server load by 30%.
- Designed and developed a Smart Proxy system using Go, improving IoT device security and connectivity reliability.
- Maintained and optimized embedded firmware for IoT devices, gateways, and metering systems, ensuring reliability, performance, low-power operation, and regulatory compliance.

Sagacity Software Inc. - *Software Developer* January/2024 – August/2024

- Modernized legacy React class components to functional components with hooks, implementing efficient state management patterns and reducing page load times by 300ms.
- Refactored Laravel (PHP) backend APIs to optimize response times, eliminating bottlenecks and improving throughput by 30% through query optimization and caching strategies.
- Established Docker-based CI/CD pipelines reducing deployment cycles and ensuring environment consistency across development, staging, and production.

ETESAL S.A. de C.V. - *Protection Technician for Substations II* September/2020 – June/2022

- Maintained and optimized ETESAL's power transmission systems by performing preventive/corrective maintenance and updating control circuit schematics using AutoCAD Electrical to integrate new power units.
- Executed advanced diagnostic testing (differential and overcurrent) on protection relays using OMICRON Test Universe, ensuring grid reliability through precise fault analysis and SCADA integration.
- Performed system-wide relay configurations (DIGSI/SEL) and managed technical documentation to ensure all hardware modifications remained compliant with national transmission standards.

Applaudo Studios - *Frontend Developer* July/2019 – August/2020

- Developed responsive, high-performance user interfaces for Walmart's US e-commerce platform using React and Redux, handling millions of daily users.
- Built reusable component libraries with SASS and comprehensive Jest test coverage to ensure consistent cross-platform shopping experiences.

PROJECTS

AI Chatbot Focus Group - In Progress

Tech Stack: Nuxt 3, Vue 3 Composition API, Pinia, Socket.io, TypeScript, PostgreSQL, DaisyUI, TailwindCSS

- Built real-time collaborative messaging SPA with Vue 3 Composition API and Nuxt for SSR/SEO optimization
- Implemented centralized state management with Pinia for user sessions, chat history, and AI interactions
- Integrated WebSocket (Socket.io) for real-time messaging with proper error handling, reconnection logic, and optimistic UI updates

Sports Streamer App

Tech Stack: Nuxt 3, Vue 3, Node.js, REST APIs, TailwindCSS

- Developed production-ready sports streaming platform with Nuxt 3 featuring server-side rendering and automatic code splitting
- Integrated third-party sports APIs with robust error handling, loading states, and responsive component architecture for real-time score updates

EDUCATION

Advanced Diploma in Computer Programming & Analysis (Co-Op)

Fanshawe College, London, Ontario

- Cumulative GPA - 4.11/4.2, President's Honour Roll

Bachelor of Science in Electrical Engineering

Central American University, Antiguo Cuscatlan, El Salvador

SKILLS & TECHNOLOGIES

- **Frontend:** Vue 3 (Composition API), Nuxt, Pinia, Vuex, Vue Router, React, Redux, TypeScript, JavaScript (ES6+), TailwindCSS, DaisyUI, SASS, HTML5, CSS3
- **Backend & APIs:** Node.js, Express, Laravel (PHP), REST APIs, GraphQL, WebSockets (Socket.io)
- **Database & Storage:** PostgreSQL, MongoDB, Redis
- **DevOps & Tools:** Docker, Git, CI/CD (GitHub Actions, GitLab), Kubernetes, AWS
- **Testing & Quality:** Playwright, Jest, TDD, Unit Testing, Integration Testing