

Luis Martinez

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PROFESSIONAL SUMMARY

Full Stack Software Engineer specializing in developing scalable web applications using React, Node.js, TypeScript, and AWS cloud architectures. Proven track record of optimizing operational efficiency through automation and AI engineering, achieving up to a 75% reduction in feature delivery times, and spearheading architectural migrations for high-traffic systems handling over 500,000 daily requests.

PROFESSIONAL EXPERIENCE

Web Developer (Consultant for Volkswagen)

Feb. 2025 – Sep. 2025

Alten México

Puebla, México

- Optimized team operational efficiency, reducing development and software delivery times by up to 75% through advanced prompt engineering and AI tools (Cursor, Claude, Copilot).
- Designed and developed a comprehensive web platform using React and Node.js for managing and visualizing vehicle maintenance intake orders in real time.
- Implemented and maintained AWS Lambda functions to process and automate data workflows coming from Facebook and Google marketing campaigns.
- Assured seamless integration and high-availability data consistency across internal databases and Salesforce CRM for Volkswagen Group digital services.
- Guaranteed application resilience and secure continuous deployment (CI/CD) in production environments by designing unit and integration tests with Jest.

Full Stack Developer

Jan. 2024 – Jan. 2025

Zetuna

Puebla, México

- Spearheaded the architectural migration of legacy services from PHP to Node.js, achieving a 75% reduction in REST API response times for a high-traffic platform serving over 500,000 daily requests.
- Migrated core frontend systems to React, ensuring system stability and performance through automated testing with Jest.
- Developed and deployed the company's official website using Astro JS and Tailwind CSS, drastically optimizing load speeds and user retention.
- Designed and integrated an internal IT ticketing system, automating technical support and significantly reducing resolution times across corporate offices and retail branches.

Frontend Developer Intern

May 2022 – Dec. 2022

Itransition Group

Remote

- Developed and optimized web applications using JavaScript, React, and Node.js under Agile methodologies and mentorship from senior engineers.
- Collaborated on the fluid integration of core web applications with Salesforce CRM, ensuring consistent data pipelines.

Web and Mobile Development Intern

Aug. 2022 – Feb. 2023

Mobile Applications Laboratory (BUAP)

Puebla, México

- Collaborated within the development ecosystem utilizing JavaScript, TypeScript, Node.js, React, and Angular.
- Designed and optimized academic web portals for the computer science faculty, improving platform usability and accessibility compliance indexes.

PERSONAL & FREELANCE PROJECTS

E-Commerce API Architecture | *Nest.js, TypeScript, PostgreSQL, Redis, Docker, Jest*

Jan. 2026 – Present

- Designed and built a scalable RESTful API applying Clean Architecture and SOLID principles.
- Optimized system performance by integrating a Redis caching layer, reducing response times for high-frequency inventory queries by 40%.

E-Commerce Core & Inventory System | *Shopify, Liquid, JavaScript, CSS, Inventory Management*

Jan. 2026 – Mar. 2026

- Developed an end-to-end functional e-commerce platform for a musical instruments store, customizing the UI with Liquid and JavaScript to deliver a responsive user experience.

Corporate Website & SEO Optimization | *Astro JS, Tailwind CSS, HTML5, Git*

Aug. 2025 – Nov. 2025

- Leveraged Astro JS component-driven architecture to achieve optimal static rendering, scoring a 100% web performance rating on Google Lighthouse.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, PHP, SQL, HTML/CSS

Backend & APIs: Node.js, Nest.js, REST APIs, Object-Oriented Programming

Frontend UI: React, Next.js, Astro JS, Angular, Tailwind CSS

Databases & Caching: PostgreSQL, MySQL, Redis, SQL Server

Cloud, DevOps & Tools: AWS (Lambda), Docker, Git, GitHub, Salesforce CRM, VS Code, Cursor

Testing: Jest, Unit Testing, Integration Testing

AI Tools: GitHub Copilot, ChatGPT, Claude, Gemini

EDUCATION

Benemérita Universidad Autónoma de Puebla

B.S. in Computer Science (Graduated / Licensed)

Canadian College

Certificate in English as a Second Language (ESL)

Puebla, México

Jan. 2018 – May 2023

Vancouver, Canada

Sep. 2025 – Dec. 2025