
Alejandro Joel Torres González

Senior Full-Stack Engineer (Product-Oriented)

(57) 320 212 1745

alejandrojoeltorres@gmail.com

Senior Full-Stack Engineer with **10+ years of experience** building, scaling, and maintaining **production-ready web applications** across **e-commerce, risk management, quoting, and medical domains**.

Frontend-first specialist in **Vue.js (2 & 3) and Nuxt**, with strong backend experience using **Python (FastAPI)** and relational databases (**PostgreSQL, MySQL/MariaDB**). Proven experience delivering complex systems in **enterprise and startup environments**, deploying to **AWS**, leveraging **Google Firebase**, and integrating **LLMs** into real applications to enhance automation, search, and user workflows.

Known for strong ownership, clean architecture, mentoring, and translating business requirements into reliable technical solutions.

CORE SKILLS

Frontend: Vue.js (2 & 3), Nuxt, React, TypeScript, JavaScript, HTML, CSS, SASS

Backend: Python (FastAPI), Node.js, Go, PHP

Databases: PostgreSQL, MySQL, MariaDB, SQL Server, Oracle (PL/SQL)

Cloud & DevOps: AWS, Google Firebase, Docker, Kubernetes

Architecture: Clean Architecture, Microfrontends, API Design

Other: LLM Integration, GraphQL, Magento 2, Authentication Systems

Collaboration: Mentoring, Code Reviews, Technical Interviews, Agile/Scrum

PROFESSIONAL EXPERIENCE

Techmates Group (TMG.io) — *Senior Frontend Engineer*

Jan 2023 – Present | Remote (USA)

Working on enterprise-scale applications for **multinational organizations**, including **Doosan** and **3M Health / Solventum**.

- Front-end development using **Vue.js 3, TypeScript, and GraphQL** for large-scale enterprise systems.
 - Design and implementation of **microfrontend architectures** to support distributed teams.
 - Application of **Clean Architecture principles** to frontend codebases.
 - Collaboration with product, backend, QA, and UX teams across multiple regions.
 - Code reviews, bug triage, and production incident resolution.
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MercadoLibre (Mercado Pago) — *Senior Software Engineer*

Mar 2021 – Jan 2023 | Remote / On-site (Colombia)

- Senior engineer on **Mercado Pago internal platforms**, serving high-traffic enterprise users.
 - Built and maintained **microfrontend-based frontend systems** using **React and TypeScript**.
 - Developed backend services and internal tooling using **Go**.
 - Designed and implemented a **shared internal library** to standardize API consumption across applications.
 - Participated in **system monitoring, incident resolution, and architectural discussions**.
 - Led **technical documentation efforts** and knowledge sharing sessions.
 - Mentored junior engineers and contributed to **technical hiring processes**.
 - Known for solving **complex production issues** through cross-team collaboration and strong communication.
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Summa Solutions — *Full-Stack Engineer*

Jul 2020 – Mar 2021 | Remote (Argentina)

- Full-stack developer working primarily on **Magento 2**-based e-commerce platforms.

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- Led **Magento version upgrades**, checkout customizations, and performance improvements.
 - Implemented **payment and shipping integrations** with third-party providers.
 - Built integrations with **Auth0** and custom Laravel services.
 - Developed **Python automation scripts** for operational workflows.
 - Deployed applications to **AWS using Docker and Kubernetes**.
 - Actively participated in Agile ceremonies and technical documentation.
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Opera Inversiones Urbanas S.A.S — Web Developer & E-commerce Specialist

Jul 2018 – Apr 2020 | Bogotá, Colombia

- Sole developer responsible for multiple **Magento 2 multi-site e-commerce platforms** (20k+ products).
 - Built custom Magento modules integrating with **external ERP systems (ICG)**.
 - Fully customized storefronts, checkout flows, catalogs, and CMS content.
 - Developed internal tools using **Vue.js, React, and Python (Flask)** for reporting and analytics.
 - Automated **business intelligence reports** using Python and Pandas.
 - Deployed and maintained infrastructure on **AWS (EC2, CDN)**.
 - Trained non-technical teams and provided operational support.
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Earlier Experience (2015–2018)

Web Developer — Develoop Software (Spain), ALBA Corporation, Proseguros

- Developed and maintained e-commerce platforms using **Prestashop, Magento, WooCommerce, WordPress**.
 - Built backend systems with **PHP (CodeIgniter), Node.js**, and SQL databases.
 - Worked with **Oracle PL/SQL**, corporate intranets, and marketing automation.
 - Gained strong foundations in full-stack development and production environments.
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EDUCATION

Américo Vespucio Technological Institute (IUTAV)

Senior Computer Technician — 2012–2015

El Cristo Private Educational Unit

Bachelor of Science — 2005–2010