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# Alejandro Joel Torres González

## Senior Full-Stack Engineer focused on product development

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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

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## PROFESSIONAL EXPERIENCE

### Techmates Group (TMG.io) — Lead Front-End 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 — Develop 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