

Javier Guajardo Canseco

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Technical leader bridging business problems and data and AI architectures. Eight years building data platforms across government, startups, and enterprise, now designing agentic AI and real-time solutions for manufacturing and supply chain at MongoDB.

HIGHLIGHTS

- Designed multi-agent AI architectures for supply chain, and agentic AI solutions for pharma and connected-vehicle use cases.
- Engaged enterprise accounts through customer meetings and MongoDB .local events.
- In Mexico City's government, built data dashboards for the Security Cabinet and the COVID-19 response, then led informatics at the Ministry of Women, redesigning a city-wide violence registry.
- Built data platforms for public institutions and environmental organizations as an independent studio, including an award-winning project for the Municipality of Monterrey.

EXPERIENCE

MongoDB · Senior Specialist, Industry Solutions (Manufacturing & Supply Chain) Sep 2025 – Present

- Built reference demos showing enterprise customers how real-time data and AI solve industry problems, including track-and-trace with Atlas Stream Processing and Next.js.
- Designed multi-agent architectures for supply chain and agentic AI solutions for pharma and connected vehicles, translating domain research into working solutions.
- Supported account teams in customer meetings and created engagements at .local events.
- Mentored interns and newer colleagues.

Etcho · Independent studio Jan 2024 – Aug 2025

- Digitized a multi-step intake process for the Municipality of Monterrey's services addressing violence against women (Django, PostgreSQL, Vue); the project won the Premio SIGA.
- Built a public geospatial dashboard of river ecosystem data for researchers and communities (React, Leaflet, Supabase).
- Delivered and maintained client websites, handling hosting, performance, and content workflows.

Transfix · Frontend Engineer II Aug 2022 – Sep 2023

- Built product features for a freight logistics platform (TypeScript, React, GraphQL) and contributed to its design system.

Government of Mexico City, Ministry of Women · Director of Informatics Mar 2021 – June 2022

- Redesigned a city-wide violence registry system, aligning agencies with competing priorities around a shared data model and improving performance and usability.
- Led development teams, introducing agile practices and owning architecture across frontend, APIs, and data visualization.

Government of Mexico City, ADIP · Deputy Director of Technology Development Jan 2019 – Mar 2021

- Built data dashboards and visualizations for the city's Security Cabinet and its COVID-19 response (Angular, D3.js, Leaflet).
- Developed backend APIs and data services supporting government decision-making (Laravel).

EARLIER EXPERIENCE

Research assistant, El Colegio de México (2018): stakeholder interviews with federal officials to map processes for a national anti-corruption platform · Territorial data strategy using demographic data and CARTO (2017) · Founding organizer, HackMTY (2014)

EDUCATION

ITESM (Tecnológico de Monterrey), Monterrey, Mexico — B.S. Computer Science and Technology, 2018

SKILLS

Technical: Python, TypeScript, SQL · MongoDB Atlas, PostgreSQL · Agentic AI (LangGraph), LLM applications, vector search · Real-time streaming · Geospatial (Leaflet, D3.js, CARTO) · React, Next.js, Django · Docker

Languages: Spanish (native), English (advanced), French (intermediate)