Michael Sanchez

Senior Full-Stack Engineer & Technical Project Lead
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Code
TypeScript
React 19
Angular
Node.js
Next.js
Strapi v5
Vue.js
Python
PHP
JavaScript

Databases
PostgreSQL
Supabase
SQL Server
AWS RDS
MySQL
MongoDB

Infra
AWS
Azure
Cloudflare
Docker
GitHub CI
Nginx
IIS
Active Dir.

Design
Figma
WCAG 2.1
Tailwind
Adobe Suite
Affinity

AI & Lead
Claude
Gemini
Tech Lead
Stripe Live

Senior Full-Stack Engineer (React 19, Angular, TypeScript, Node.js, Strapi) and Web / IT Technical Project Lead. **15+ years of web engineering experience** and 25 years in IT spanning full-stack architecture, UX/UI, WCAG 2.1 AA accessibility, cloud security, and daily AI-augmented workflows (**Claude, Gemini**). **100% Remote** (Canada / France / Spain).

Recent Experience

City of Montreal | Senior Systems Analyst & Lead Web Engineer - December 2019 to Present
Leading and building secure full-stack web applications and cloud infrastructure serving 8,000+ municipal employees.

- **Full government portal rebuild of spvm.qc.ca** (modern architecture, high security, strict WCAG 2.1 AA public accessibility compliance)
- Engineered mission-critical internal web applications (Angular, React, TypeScript, Strapi, Node.js) used daily by 8,000 employees (intranet, Careers portal)
- **"Relai" Platform (spvm-relmedias.ca)**: audio alert and press release publishing system = **75% reduction** in publication time
- **"Studio" Platform**: unified high-resolution media request portal = **1,000+ requests/year**, turnaround cut from 48h to instant
- Cloud security across AWS (VPC, RDS), Cloudflare, SSL certificates, and automated GitHub Actions CI/CD pipelines

La Presse - Montreal | Web Software Developer - February 2014 to December 2019
Front-end engineering and internal tooling for the high-traffic digital news platform lapresse.ca, including Tier 2/3 technical support.

- Front-end development on **lapresse.ca** and newsroom engineering tools using Python, PHP, Twig, and Git CI
- **"Interactive Maps" App**: custom Leaflet.js map template generator = **95% faster production time** (from 2-3 days down to minutes)
- Mission-critical Tier 2/3 systems support across 800 Apple workstations for editorial teams

Massive Medias - Montreal | Founder, Digital Services & Full-Stack Production - June 2011 to Present
Technical direction, project management, and custom full-stack platforms for businesses and artists (massivemedias.com/services/web).

- Architected the 2026 rebuild of **massivemedias.com**: trilingual e-commerce platform (React 19, Vite 7, Tailwind 4, Strapi v5, PostgreSQL/Supabase, Stripe, Cloudflare Workers)
- End-to-end delivery of custom client sites (sylvainbrochu.ca, sonaa.ca, lechartrand.com, jprunier.com, boutiquemaude.com)
- Custom inventory, CRM, and automated PDF invoicing system = **50% reduction** in operational management time

Earlier IT Experience

Nestle - Paris | Systems Administrator (2008 - 2009) 800-user support, Active Directory management, custom CRM (PHP/MySQL)
Poweo - Paris | Systems Administrator (2007 - 2008) Debian servers, Backup Exec, custom CRM development (PHP/MySQL)
Gaz de France - Paris | Deployment Engineer (2006 - 2007) Active Directory, GPO, ConfigMgr, large-scale data migration
Air France - Paris | Operations Administrator (2006) Monitoring of 12 workflow servers, backups, and operational runbooks
Albin Michel - Paris | Support Engineer (2005 - 2006) Linux servers, Nagios, Active Directory, CRM development (PHP/MySQL)
BMW - Paris | Support Engineer (2003 - 2005) 150-workstation migration, Windows rollout, CRM development (PHP/MySQL)
Stream - Paris | Technical Support (2001 - 2003) Microsoft/Canon/HP enterprise support, Remedy incident management

Personal Ventures & Certifications

Ableton.school | Electronic Music Production Instructor
Teaching electronic music production with Ableton Live: composition, arrangement, mixing, and private studio coaching.

VRSTL Records | Founder & Label Director
Record label creative direction, artist management, and digital release strategy.

Maudite Machine | Electronic Music Producer & Composer
Electronic music composition with Ableton Live, multi-platform digital presence, and international collaborations.

Certifications:

- AWS Certified Solutions Architect - Associate (2021) · Microsoft Certified: Azure Fundamentals AZ-900 (2024)
- Meta Front-End Developer Certificate (2022) · Google UX Design Certificate (2023) · UQAM Web (2016) & NAD 3D (2015)

Languages & Mobility: French (native), Spanish (fluent), English (professional) · **Triple Citizenship: Canada, France, Spain** · linkedin.com/in/michael-sanchez