Javier Melero

Staff Full-Stack Engineer

Santa Fe, Argentina
UTC-3 · full overlap with US business hours
Open to remote Staff/Senior Frontend or Full-Stack roles · Contract or full-time · US, Canada & EU

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PROFILE

Full-stack Staff Engineer with a frontend center of gravity and almost 20 years in web development.

The last five years were at a US digital-health company working with HIPAA and Medicare/Medicaid Parts C & D, where I grew from Senior Front-end Engineer to Lead (2022) to Staff (2026).

I own features end to end: React/Next.js and TypeScript interfaces, embeddable SDKs and component libraries, Node.js/NestJS APIs, PostgreSQL data models, and the GCP/Terraform/CD pipeline that ships them. I write the RFC, build it, and review the team's code.

Reviewed 440+ pull requests for 25+ engineers while shipping around 390 of my own.

Before that, I spent 12 years running my own software factory, delivering web, mobile and touch-kiosk products for regulated clients in gaming, government and health.

Remote from Argentina (UTC-3), working in English day to day.

SKILLS

My focus is frontend engineering and end-to-end ownership of web products, backed by experience across backend, mobile, databases and infrastructure.

Frontend: Frontend development, TypeScript, JavaScript, HTML / HTML5, CSS, jQuery, Next.js, React, Vue, Svelte, Tailwind CSS, SCSS / CSS architecture, i18n / l10n (i18next), Storybook, Design systems & component libraries, Embeddable SDKs & widgets, Micro-frontend & plugin architectures, Content Security Policy

Backend: Node.js, NestJS, REST API design, Event-driven architecture (GCP Pub/Sub), RabbitMQ, JSON Schema contracts, Multi-tenancy & data-level tenancy scoping, Auth (AWS Cognito, Microsoft SSO), Hapi, PHP (CakePHP, Symfony, Laravel), Python

Database: PostgreSQL, MySQL/MariaDB, SQL Server, Oracle, MongoDB, Firebase, ORM's (TypeORM, CakePHP, Symfony), Migrations

Infrastructure & CI/CD: Terraform, Google Cloud Platform (Cloud Run, Pub/Sub), Docker, Kubernetes & Helm, Google Kubernetes Engine (GKE), Linux / Ubuntu, Apache, Git, Apache Subversion, Continuous integration & delivery (CI/CD), Nx monorepos, GitHub Actions, Harness CD, Trunk-based development, semantic-release & npm package publishing, Aws (Cognito, CloudFront, Lambda, SES)

Testing & Observability: Jest, Cypress, MSW (mock service worker), New Relic (APM & Browser), Datadog RUM, Pendo, Structured logging, Flaky-test remediation

Leadership & Practice: Software design, Technical leadership, RFCs & written technical design, Code review at scale, Mentoring, Cross-team coordination, Incident root-cause analysis, Agile delivery & refinement, AI-assisted engineering workflows

Additional technologies & domains: Full-stack development, Android development, Java, C++, WordPress, Linux system administration, Search engine optimization (SEO), HIPAA, Medicare / Medicaid Parts C & D

AI

AI is part of how I build software day to day, not a novelty I bolt on. Claude Code is my primary tool for analysis, technical design and implementation — I use it to draft RFCs, review code and work through cross-repo changes, and I'm comfortable writing agent skills and prompt-driven workflows rather than just prompting ad hoc.

I've also built AI into the product, not just around it. At Pager Health I worked on member-facing conversational agents, first on Dialogflow and later migrated to Google's Agent Development Kit (ADK), with a Python service connecting them to the rest of the platform. More recently I helped ship an AI-powered search experience for our provider-search product, using Gemini 3.1 Flash Lite as the model behind it.

EXPERIENCE

Pager Health

Jul 2021 – Sep 2026 · 5 yrs 3 mos

Remote — US company

US digital-health company building virtual-care products for enterprise health plans and insurers.

Staff Engineer

Mar 2026 – Sep 2026 · 7 mos

Staff-level, full-stack ownership of a healthcare provider-navigation platform and the engineering standards around it.

Authored the company's internationalization standard and implemented it across eight backend and frontend services, adding Spanish and Portuguese support for Latin American and Brazilian markets.

Turned the provider-navigation widget into a standalone multi-tenant web app: Cloud Run service, reusable Terraform modules, load-balancer routing and CD pipelines from development to production, plus New Relic and Pendo monitoring.

Implemented data-level tenancy filtering and extended the shared authorization framework for the appointment-scheduling API.

Led cross-repo migrations: Node.js upgrade, queue-to-Pub/Sub workers, and a coordinated SDK upgrade across nine plugin repositories.

Wrote RFCs and implementation plans for AI-assisted development workflows; used Claude Code daily.

Lead Web Engineer

Sep 2022 – Feb 2026 · 3 yrs 6 mos

Led web engineering for a healthcare provider-search and appointment-scheduling product across three major versions, from a chat-embedded widget to a standalone multi-tenant web app.

Authored the provider data-model RFC, reviewed by the architecture group, and implemented it in a NestJS/PostgreSQL monorepo.

Migrated video calling from Twilio to the Zoom Video SDK across five repositories and around ten environments, including Kubernetes CSP policy and documentation for external SDK consumers.

Delivered WhatsApp Business as a member communication channel end to end across seven services.

Designed the event-driven encounter-handoff flow on GCP Pub/Sub, including publisher and subscriber services, infrastructure and feature flags.

Built and maintained the embeddable patient SDK and component library with React, TypeScript and semantic-release, consumed by enterprise health-plan clients, with JSON Schema message contracts.

Built an AI-powered provider search and conversational agents.

Reviewed 440+ pull requests for 25+ engineers; mentored teammates and ran RFC and design discussions in English.

Front-end Senior Engineer

Jul 2021 – Aug 2022 · 1 yr 2 mos

Senior front-end engineer on the consumer squad, responsible for customers' main web app built with Vue, TypeScript and HTML/CSS.

Localized the agent console into Spanish by extracting hundreds of hardcoded strings, laying the foundation for the company-wide internationalization standard.

Built a standalone chat-transcript package with configuration UI, sorting, role-based download permissions and PDF generation, and integrated it into the agent console.

Added screen sharing and video-call error instrumentation with Datadog RUM.

Introduced trunk-based development, semantic-release and API mocking with MSW; fixed a refresh-token expiry bug affecting production.

Contributed to the embeddable patient SDK.

Partner & CTO · Soluciones YPunto — Jan 2015 – Jul 2021 · 6 yrs 7 mos
Santa Fe, Argentina

Set technical direction and led delivery for client web projects.

- Developed complete solutions: public websites, progressive web apps, Android and iOS apps, internal admin tools, backends, APIs, databases and the infrastructure serving them.

CEO · Linked Comunicaciones — Jan 2005 – Jan 2015 · 10 yrs 1 mo
Argentina

Developed web-based systems and applications, alongside IP telephony, telecommunications and data-network solutions.

Systems Administrator · Server Protectors — Aug 2010 – Jul 2011 · 1 yr
Argentina

Remote server administration and customer support for more than 700 Windows and Linux servers across three datacenters in St. Louis, Toronto and Ashburn.

- Installed operating systems and administered Apache, IIS, MySQL, SQL Server, DNS and mail services on Windows Server 2003/2008, RHEL and Ubuntu; supported customer applications including WordPress and Joomla.

Project Manager · Cenys Network — Mar 2008 – Dec 2009 · 1 yr 10 mos
Málaga, Spain / Santo Tomé, Argentina

Led projects and the web development department, coordinating programmers, layout specialists and designers.

- Developed PHP systems using the CakePHP framework.

Systems Administrator & Research Assistant · Universidad Tecnológica Nacional
Jan 2007 – Dec 2007 · 1 yr
Santa Fe, Argentina

Network administration and configuration at the university's connectivity labs, alongside a research position in a math-applied program.

EDUCATION & LANGUAGES

Education

Analista Universitario en Sistemas (Systems Analyst) · Universidad Tecnológica Nacional · 2003 – 2013 · Intermediate degree of the Information Systems Engineering career.

Ingeniería en Sistemas de Información — coursework through fifth year · Universidad Tecnológica Nacional · 2003 – on hold · 30 subjects completed.

Languages

Spanish — Native

English — Full professional proficiency · Five years working in English with a US-based team, written technical design, RFC and architecture review, and daily collaboration.

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