

Patricio Emanuel Manquepillan Torres

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cualautocompro.cl

SUMMARY

Senior Frontend Developer with 6+ years in production. Angular lead focused on WCAG AA accessibility and products used by hundreds of thousands of people. When needed, I take part in the backend with the same standard of rigour.

PROFESSIONAL EXPERIENCE

Community of Madrid (via NTT Data España) 2025 — present	Frontend developer Frontend on a 12-person team for the institutional portal serving 2M visits/month, where each change reaches citizens at a regional scale. Built an accessible component library (combobox, modal with focus trap, keyboard navigation for long lists) that became the internal standard for the regional government. Optimised SSR with Angular Universal down to TTFB < 200 ms across the 200 most-consulted procedures. Stack: Angular · micro frontends · Capacitor · TypeScript · PostgreSQL · Jenkins
Banco Santander España (via NTT Data) Apr 2022 — Apr 2025	Fullstack developer Automated credit-backstop management system with a configurable rules engine, transaction scoring, and integration with the bank's internal systems, within a joint bank–European Union initiative. Grew from Angular frontend to owning and deploying backend microservices in Java + Spring Boot on Kubernetes. Stack: Angular · Java · Spring Boot · Kubernetes
Aguas Nuevas S.A. 2019 — 2022	Frontend / SCADA Developer / DBA Unified telemetry and SCADA systems of the 4 companies in the group (Aguas Altiplano, Chañar, Araucanía, Magallanes) into a single platform, previously fragmented across outdated, unpatched versions. Migrated 50+ plants to the new SCADA on AVEVA System Platform, including the Iquique reverse-osmosis desalination plant. Built the visualisation web app with Angular + Spring Boot and trained operators in its use. Stack: AVEVA System Platform · Oracle SQL · Angular · Spring Boot · Python · Highcharts
cualautocompro.cl (personal project) 2026	Owner Catalog of the Chilean auto market with browsing, searching, and sharing of user-built comparisons. Design and build the full cycle: scraping layer, data model in Prisma, Express backend, Angular 22 frontend. Stack: Angular 22 · Angular Material · Express · Prisma · MySQL · Tailwind CSS · Playwright

EDUCATION

Technical education in computer engineering — Incomplete studies

TECHNICAL SKILLS

Frontend: Angular · TypeScript · RxJS · Tailwind CSS · WCAG AA accessibility
Backend: Java · Spring Boot · Node.js · Express · REST
Data & infra: Kubernetes · Oracle SQL · MySQL · Prisma · Docker
Practices: SSR with Angular Universal · SCADA on AVEVA System Platform · Accessibility verified with NVDA and VoiceOver · Git · SDLC · End-to-end testing with Playwright

LANGUAGES

Español — Nativo
Inglés — B2 (MCER)

