

# Vicente Juárez

SOFTWARE ENGINEER - BACKEND

Santiago, Chile

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## Skills

<b>Programming Languages</b>	Ruby, Python, TypeScript, Dart, SQL
<b>Frameworks &amp; Libraries</b>	Ruby on Rails, Flask, React, Flutter
<b>Infrastructure &amp; Databases</b>	Google Cloud Platform, Docker, PostgreSQL, Redis
<b>Observability &amp; Testing</b>	Cloud Monitoring, New Relic, Playwright, RSpec, pytest
<b>Human Languages</b>	Spanish (Native), English (Expert, TOEIC 985)

## Education

### Pontificia Universidad Católica de Chile

Santiago, Chile

BACHELOR OF SCIENCE IN ENGINEERING

2021

- Major in Computing and Information Systems - Computing Track.
- Minor in Scientific and Technological Foundations of Computing.

## Experience

### Aprendo y Arriendo

Santiago, Chile

SOFTWARE DEVELOPER (BACKEND & ARCHITECTURE)

2023 - Present

- Promoted to backend architecture lead; owned PR review, technical standards, and architectural decisions. Led seasonal rotating team across timezones in an async-first workflow.
- Built production web scraping infrastructure (300k+ listings bi-weekly): Playwright for JS-rendered content, rate limiting, checkpoint recovery, proxy and signature rotation. Shipped React dashboard for non-technical stakeholders to schedule and monitor jobs.
- Led full-stack AI application: Flutter UI, Flask backend with Gemini API integration and custom RAG system tuned and validated against domain expert benchmarks.
- Architected VPS to GCP migration: Rails API and worker tiers on Cloud Run with distinct autoscaling profiles, Cloud Tasks for async jobs (10-hour campaigns, 20k+ emails), structured observability, 99.95 % uptime. CI/CD via CircleCI.

### Aprendo y Arriendo

Santiago, Chile

FULL-STACK DEVELOPER

2021 - 2023

- Government-contracted research initiative with 20k+ seasonal users. Handled production data, compliance requirements, and full-stack ownership as primary engineer.
- Inherited legacy Rails codebase with feature gaps; rewrote core architecture and shipped as production platform. Owned full stack (API, frontend, deployment, data pipelines) with government integration and security compliance.
- Backend and data architecture: implemented field-level encryption for PII with role-based decryption policies; built dbt data pipeline and Looker dashboards to decouple analytics from production; architected node-based workflow editor backend for campaign rule logic; designed and optimized PostGIS spatial queries for quality-of-life data integrated with Google Maps frontend.
- Frontend development (Angular): shipped features post-lead departure, maintained component library, implemented New Relic observability for latency debugging, and integrated Rudderstack for user behavior tracking.

### Various Clients

Santiago, Chile

FREELANCE DEVELOPER

2020

- Delivered 4 end-to-end projects including e-commerce (WooCommerce, PayPal), Rails deployments on self-managed VPS, and Selenium-based web automation for market research (JS-rendered sites, rate-limiting, proxy handling).

### Pontificia Universidad Católica de Chile

Santiago, Chile

TEACHING ASSISTANT

2017-2019

- Intro to Programming & Advanced Programming: designed evaluations, graded, held weekly tutoring sessions.