

ANÍBAL FERMANDOIS

Full Stack Developer & AI Infrastructure

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EDUCATION

Pontificia Universidad Católica de Chile

2020 – Present

- Degree in **Industrial Civil Engineering**, Computing Diploma
- Frontend Development Certificate **Launchpad**

PROFESSIONAL EXPERIENCE

Falabella – *Planning and Development Engineer*

May 2026 – Present

- Explore historical BigQuery data with Python, pandas, and polars, defining metrics, assumptions, and filters to evaluate store allocation and replenishment policies.
- Test models, detect nonlinear relationships, patch inconsistent data, and translate findings into actionable recommendations for future supply policies.

Buda.com – *Automation and AI Intern*

Aug 2025 – Dec 2025

- Led research and production deployment of an enterprise AI chatbot connecting complex APIs (Contextual Chunking, HyDE), reaching above 95% accuracy.
- Developed high-precision information retrieval using Contextual Embedding and MultiVector Indexing.
- Architected robust automation pipelines with n8n for critical company processes.

Nikola Chile – *Full-Stack Developer*

Mar 2025 – Aug 2025

- Designed and launched high-performance infrastructure in Next.js and Django for nikola.cl, owning end-to-end technical decisions.
- Led migration from legacy systems to modern, scalable architectures.
- Led implementation of automated code-quality pipelines and infrastructure visualization tools.
- **Recognition Diploma** for leadership and performance developing the **current website**.

Preuniversitario PreUing UC – *Teacher*

1 year

Proyecto Going UC – *Teacher*

1 year

Debates Constitucionales – *Head Teaching Assistant*

2 years

ENGINEERING PROJECTS

Bea's Corner

Astro, WebScraping

- Centralizes prices and availability for **makeup** across multiple Chilean stores (Falabella, Paris, Blushbar).

BCI Beneficios

Astro, Edge Functions

- Improved version of **BCI+ Discounts** focused on load speed and usability, integrating filters, minimum spends, caps, and advanced categories.

Mi Carrito

Next.js, Playwright, Postgres

- *E-commerce* platform using automated *web scrapers* to compare real-time prices across multiple Chilean supermarkets.

TECHNICAL AND LANGUAGE SKILLS

Programming Languages: Python, JavaScript, TypeScript, Mojo, C, SQL

Tools: Django, Astro, Next.js, React, n8n, Postgres, MongoDB, AWS, Vercel, Render

Human Languages: English (C1 TOEFL), French (B1 ICP Université), Spanish (native)