

Francisco Mulet Evans

Data-Oriented Software Engineer

Python · Rust · SQL · ETL · Dashboards · Performance Systems

Chile | Remote / Hybrid

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Professional Summary

Software engineer with experience building data-intensive systems, ETL pipelines, and high-performance dashboards for government and private-sector projects. Specialized in efficient backends (Rust, Python, DuckDB, Redis) and lightweight frontends (SolidJS, Astro). Currently focused on applied data science, ML pipelines, and practical AI integration in production environments.

Professional Experience

Freelance Backend Developer — Open Tenders Dashboard | Apr 2022 – Present

- Automated scraping pipelines processing 2,000+ public tenders per month
- Built a Rust-based CMS reducing RAM usage by 70%
- Implemented dashboards with filters 5x faster than previous version
- End-to-end system: Python (scraping) · Rust (CMS/API) · SolidJS + Astro · SQLite/DuckDB · Redis

Data & Software Developer — Grupo Singular | Dec 2019 – Jul 2023

- Migrated Power BI dashboards to web applications achieving 50%+ faster load times
- Automated ETL pipelines with Python and MySQL reducing refresh times by 80%
- Delivered analytics platforms for CORFO, FIA and SERCOTEC programs (4 public organizations)
- CORFO x Tec Monterrey e-learning platform: 2,000+ entrepreneurs trained, 78% completion rate

IT & Field Operations — National Statistics Institute of Chile (INE) | 2015 – 2024

- IT support for national census platforms (2017, 2024)
- Managed 100+ field devices with 95%+ uptime
- 1,000+ census interviews conducted; large-scale data collection and validation

Core Skills

Programming: Python, Rust, Go, SQL, JavaScript, TypeScript, Java, Dart

Data & Storage: DuckDB, PostgreSQL, SQLite, Redis, MySQL

Frontend & Visualization: SolidJS, Astro, Power BI

Infrastructure & Tools: Docker, Git, Linux

Education

Computer Engineering — Instituto de Ciencias Tecnológicas CIISA (2018–2023) · Highest honors

Systems Analyst Technician — Instituto de Ciencias Tecnológicas CIISA (2018–2022)

Public Administration (Political Sciences) — Universidad de Concepción (2013) · Highest honors

Continuous Learning

Applied Data Science & Machine Learning (Self-taught)

Python for Data Analysis · Hands-On Machine Learning · Deep Learning

Languages

Spanish: Native | English: Professional working proficiency (B1–B2) | French: Basic (A2)

Certifications

- Rust API Development — Rocket, SeaORM, JWT, Actix Web (Udemy)
- gRPC & Microservices Architecture — Node.js, Protocol Buffers (Udemy)
- SOLID Principles & Clean Architecture — Design Patterns & Refactoring (Udemy)
- Astro Framework — Static Site Generation & Performance (DevTalles)