

Lautaro Acosta Quintana

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EXPERIENCE

Freelance Developer
Trabajo en el NEA (TNEA)

2025 — 2025
Corrientes, Corrientes

- Developed and deployed internal tools focused on automation and optimization of operational processes, improving execution performance by 20× (from 20 minutes to 1 minute on average) and reducing manual operational overhead.

PROJECTS

Developer, Gulfi (<https://github.com/jargenn/gulfi>)

January 2025 — Present

- Developed a web service capable of running exact, semantic, and hybrid searches over CSV and JSON datasets, with OpenAI embeddings in SQLite, distributed as a single Rust+Svelte binary with CI/CD and automated deployment.
- Built and maintained a CI/CD pipeline in CircleCI using custom images from AWS ECR to automate testing and deployment.

Architect / Developer, Chedul Core (<https://github.com/ProjectUTN/chedul-core>)

June 2025 — July 2025

- Developed a layered-architecture web service in Go, designed as a microservice with PostgreSQL as the database.
- Designed the testing infrastructure with Testcontainers for unit and integration tests, ensuring end-to-end coverage of the service.
- Instrumented the service with OpenTelemetry and Honeycomb for real-time observability, and configured CI in GitHub Actions for automated testing.

Lead, Developer, DevOps, Events Platform (<https://github.com/FRRe-DS/2024-02-TPI>)

August 2024 — December 2024

- Contributed to the development of a web platform with Django, PostgreSQL, Redis, Astro and React deployed as a PWA, with CI/CD in GitHub Actions to Azure App Service and Netlify, and infrastructure orchestrated on Cloudflare.
- Led a team of 4 developers, defining architecture, assigning tasks and overseeing deliverables to ensure adherence to deadlines and technical requirements.

SKILLS

- Programming Languages:** Rust, Go, Python, TypeScript, OCaml, C
- Languages:** English C1, Spanish (Native)
- Technologies:** SQLite, Postgres, Linux, Git, Jujutsu-vcs, React, Svelte, CircleCI, GitHub Actions, Django, Docker, AWS, NGINX
- Interests:** Research, Technical Writing.
- Project Management:** Experience managing agile projects applying Scrum and Kanban.

EDUCATION

Universidad Tecnológica Nacional
Information Systems Engineering — Fifth-year student

Resistencia, Chaco
2021 — Present

EXTRACURRICULAR ACTIVITIES

Technical Writing

February 2026 — Present

- Writing technical articles on systems design, software development, and computer science topics at [lautaroacosta.com](https://www.lautaroacosta.com).

Researcher

November 2025 — Present

- Member of the Applied Research Center in Information and Communication Technologies (CInApTIC) at Universidad Tecnológica Nacional, Regional Faculty Resistencia. Working on morphological characterization and classification of cotton seeds using Convolutional Neural Networks (CNN).