Agustina Barbara Ciraco

Engineering Manager

Engineering leader with 14 years in software; currently leading a 10-person team while staying hands-on in architecture and code review.

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SKILLS

Engineering management, delivery planning, hiring & onboarding, Scrum/Kanban, Ruby on Rails, React, Next.js, Python, FastAPI, Django, Flask, PostgreSQL, BigQuery, Airflow, Kafka, REST API design, SSO, Docker, CI/CD (GitLab CI, GitHub Actions), AWS, Claude Code

PROFESSIONAL EXPERIENCE

Technical & Project Manager — University of Buenos Aires

May 2020 – Present

School of Sciences IT Unit. Ongoing consulting engagement (started as Full Stack Python Developer), held alongside the roles below.

- **Team & scale:** Lead a 10-person engineering team running the academic and identity systems used by 10,000+ students and staff, with thousands of new students each term.
- **Reactive to planned:** Took over a team working ticket-to-ticket and turned it into planned delivery agreed with other departments; the team now closes more requests than it receives while shipping new projects.
- **Platform upgrades:** Led the long-postponed upgrade of the student management system (SIU-Guaraní 3.12 → 3.20) and Moodle, agreeing with stakeholders which customizations to keep and coordinating user communication.
- **Identity & SSO:** Designed a unified person-identity service (FastAPI REST APIs) and single sign-on across both platforms.
- **Security & reliability:** Patched every affected system within 48 hours of a critical PHP vulnerability without derailing the roadmap.
- **People & career growth:** Ran hiring end to end with no recruiting team, built onboarding, handled departures and defined the team's career path; promoted from developer to manager.
- **Hands-on & AI:** Own architecture and review merge requests; introducing AI-assisted code review and Claude Code into the team's workflow.

Stack: Python, FastAPI, PHP, Moodle, SSO, GitLab CI

Technology & Product Lead — Bioloupe

Jul 2024 – Jun 2026

Early-stage B2B market-intelligence SaaS for biotech.

- **Team building:** Hired to build the in-house team replacing an external consultancy; ran hiring end to end and onboarded the first 2 engineers.
- **Product delivery:** Translated business needs into features and owned the roadmap, architecture, testing and releases.
- **Forecasting module:** Built sales-forecast scenarios with interactive visualizations driven by user selections.
- **Data source of truth:** Replaced CSV uploads that required a redeploy with an auto-updating backend source of verified data.

Stack: Ruby on Rails, React, PostgreSQL, AWS, Vercel, Cloudflare

Data Engineer — Technical Lead — Morsum *Feb 2022 – May 2024*

B2B food-tech marketplace connecting restaurants with multiple suppliers.

- **Marketplace data:** Ingested ~100K products/day from ~10 suppliers, matching incoming stock to the internal catalog to enrich listings.
- **Supplier onboarding:** Cut onboarding of a new supplier from ~2 weeks to a few hours by making the pipeline configuration-driven.
- **Pipeline modernization:** Migrated cron-based scripts to Airflow and Kafka.
- **Leadership:** Led 2 data engineers through technical guidance, code review and mentoring.

Stack: Python, Flask, SQLAlchemy, BigQuery, Airflow, Kafka

Software Developer → Quality Analyst — Wolox *Jun 2016 – May 2020*

Software consultancy serving multiple clients.

- **Client products:** Built web and mobile apps for clients, including Nubi, a digital bank; contributed to the design of its PayPal payments integration.
- **Quality & process:** Moved to the quality team to support managers with team metrics and ISO/CMMI processes; ran the ISO 27001 gap analysis and certification plan.

Stack: JavaScript, React, React Native, AngularJS, Android

Previous Experience: Software Engineer (L3 Support & QA) — Core Security, 2012–2016

EDUCATION

Master in Management + Analytics — Universidad Torcuato Di Tella *Expected Dec 2026*

B.Sc. in Computer Science — University of Buenos Aires (UBA) *2020*

LANGUAGES

English — Advanced / Fluent · Spanish — Native