

Matías Agustín Viglianco

Software Developer | Systems Analysis Profile | Process Automation & Applied AI

Córdoba, Argentina | LinkedIn: [matías-agustín-viglianco](#) | Portfolio: mativiglianco.github.io/portfolio-astro

Professional Summary:

- IT professional with **5+ years of hands-on experience** designing and delivering software solutions to optimize administrative and operational processes.
 - Strong **communication** and **leadership** skills; adaptable to both teamwork and independent work.
 - Broad experience across **front-end** and **back-end** web development, automation projects, and data-driven problem solving.
 - Solid foundations in **HTML**, **CSS/Tailwind**, **Python**, and relational/non-relational databases, with fast ramp-up on new technologies.
 - Experience designing **REST APIs** and building **smart contracts**, focusing on performance, scalability, and security.
 - Applied **AI automation** practice: response quality evaluation, data analysis, and precision/quality metrics.
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Technology / Methodology:

React, Next.js, Astro.js, TypeScript, JavaScript, HTML, CSS (Tailwind), Python, FastAPI, Django/DRF, Node.js/Express, Java, PostgreSQL, MySQL, MongoDB, Firebase, Docker, Dokploy, VPS, GitHub Actions, CI/CD, Linux, Pandas, PyTorch, R, Tableau, Excel/Google Sheets, DDD, REST APIs, Hardhat, Solidity, Web3, AWS.

Languages:

Spanish (Native), English (B1 - EF SET 44/100)

Work Experience:

Freelancer.com

Feb 2025 - Present

• Software Developer / Process & Data Analysis | Temporary Contract

Business process optimization through tailored software solutions, focusing on data consistency and UX for non-technical users.

Responsibilities:

- Built an internal application for **accounts receivable / customer balances** and daily operations tracking.
- Modeled the business domain using **DDD** and delivered a **React** UI for non-technical stakeholders.
- Reorganized data in **Excel/Google Sheets** to create clear, traceable reporting.

Stack: React, TypeScript, Django/DRF, PostgreSQL, Docker, Excel/Sheets, JSON

Revelo

Jun 2024 - Jan 2025

• Python Developer / Data & AI Analysis | Temporary Contract (Remote, USA)

Improved AI system response quality through data analysis, validation, and precision feedback loops.

Responsibilities:

- Analyzed and validated response quality and underlying code, identifying issues and improvement opportunities.
- Contributed metric-based evaluation; **~30% estimated precision improvement** in a search/quotes use case.

Tools: Python, Pandas, PyTorch, Matplotlib, R

Projects:

Freelancer.com

Aug 2025 - Present

• Internal ERP for Operations & Finance (Kretz)

Internal ERP for sales, expenses, customer balances, and management dashboards.

Responsibilities:

- Expense logging/categorization and KPI dashboards.
- Focus on data consistency, performance, and UX.

Stack: Django/DRF, React, Chart.js, PostgreSQL, Docker, JWT

Freelancer.com

Oct 2025 - Present

• Naranja Autoservicio (E-commerce: Django + React)

Online store: catalog, stock, coupons, orders, and analytics/admin panel.

Responsibilities:

- Backend with Django/DRF and statistics endpoints.
- Vite/React frontend with WhatsApp checkout and CI/CD.

Stack: Django/DRF, React, PostgreSQL, Docker, CI/CD

No Country

May 2024 - Jun 2024

• CoinLatam (Real-time crypto quotes)

Crypto quotes platform with modern UI and real-time data consumption.

Responsibilities:

- Frontend (React/Next.js/Tailwind) and backend Node.js/Express + MongoDB.

Stack: React, Next.js, Node.js, MongoDB

Chainlink

Apr 2024 - May 2024

• Block Magic: Chainlink Hackathon (P2P Betting DApp)

P2P betting DApp: tipsters create bets; challengers join; users claim rewards after match completion.

Responsibilities:

- Built 2 **Solidity** smart contracts (one for frontend interaction and one focused on Chainlink products).
- React frontend; local development/testing with **Hardhat** and deployment to testnets.
- Integrated deployed contracts to interact with real blockchain data instead of local simulations.
- Key learnings: working across a 6-hour time zone difference, Web3 workflows (gas/costs, deploy, testing).
- Testnets: **FUJI** and **AMOY**.

Stack: Solidity, Hardhat, React, Chainlink, Tailwind CSS

Education:

Universidad Siglo 21

BSc in Computer Science
(Licenciatura en Informática)
(2025 - 2027)

BSc in Computer Science (in progress): Currently enrolled. **Merit scholarship** for high academic performance (GPA above 8/10).

UTN
Systems Engineering
(2020 - 2025)

Systems Engineering (degree pending): Strong foundation in systems analysis, design, and software engineering fundamentals (final courses pending).

ITBA University
Full Stack Developer
(2022)

Full Stack Program (Santander scholarship): Intensive training focused on web development, databases, and best practices.

Courses & Certifications:

- Google Data Analytics (Coursera)
- Modern Software Architecture: DDD, Events, Microservices (Udemy)
- SOLID Principles & Clean Code (Udemy)