

Florencia Russo

Full Stack Developer

General Roca, Argentina | Open to relocation and remote/on-site work

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Portfolio: <https://portfolio-florescia-russo.vercel.app> | LinkedIn: <https://linkedin.com/in/florescia-russo-65976b287> | GitHub: <https://github.com/FloresciaRusso9606>

PROFESSIONAL SUMMARY

Full Stack Developer with production-deployed projects and experience in complex software architectures. Built a real e-commerce platform (dulceslachacra.com) with Mercado Pago payments, AWS S3, and CI/CD with GitHub Actions. Implemented a full analytical dashboard over the Olist public dataset (~100k orders), applying hexagonal architecture, star schema with automated ETL, and layered data modeling (raw/clean/dwh). Proficient in React, Next.js, and TypeScript on the frontend; Node.js, Express, and PostgreSQL on the backend. Experience in integration testing with Jest and Supertest, collaborative Git workflows, and agile development. Currently incorporating Python and Pandas for data analysis, working with real datasets from the Argentine energy sector.

EXPERIENCE & PROJECTS

Olist Commercial Dashboard — Full-Stack Technical Challenge

Apr 2026 | github.com/FloresciaRusso9606/olist-dashboard

Analytical sales dashboard built on the Brazilian E-Commerce public dataset by Olist (~100k real orders, 2016–2018).

- Hexagonal architecture on the backend: domain → application (use cases) → infrastructure → adapters/http, with real dependency injection (Composition Root pattern).
- Analytical data modeling with star schema: 3 PostgreSQL schemas (raw/clean/dwh), automated ETL pipeline raw→clean→dwh executed on Docker startup.
- dwh.fact_sales with 1-row-per-order-item grain, payment prorating (Option A) and is_delivered, is_canceled, is_on_time flags.
- 9 KPIs calculated entirely in the backend: GMV, Revenue, AOV, IPO, Cancellation Rate, On-Time Delivery Rate, Top Products and Revenue Trend.
- Parameter validation with Zod, consistent HTTP error handling (200/400/422/500).
- 18 tests with Jest + Supertest: 13 unit tests (use cases mocking the SalesRepository port) + 5 integration tests (full HTTP endpoint without real DB).
- Frontend in Next.js 15 with TanStack Query (cache, deduplication, loading/error states), Tailwind CSS and Recharts.

Stack: Next.js 15, Express, TypeScript, PostgreSQL, Prisma, Docker Compose, Jest, Supertest, TanStack Query, Tailwind CSS

Full Stack Developer — La Chacra (Freelance Project)

Dec 2025 – present | Freelance

E-commerce platform currently used by a real business, with integrated payment processing via Mercado Pago in production, inventory management, and admin panel.

- Relational database with 5 tables managing products, orders, and admin users.
- Production platform with Mercado Pago SDK integration, including idempotent webhook handling and email confirmation via Resend.
- AWS S3 storage architecture: secure backend uploads, isolated credentials, and optimized public asset delivery.
- Persistent cart implementation and inventory synchronization with Google Sheets.
- Full admin panel with complete product CRUD.
- JWT authentication and REST API with PostgreSQL and Prisma ORM.
- Docker containerization for reproducible development environments.
- Integration test suite with Vitest + Supertest on isolated real database, with mocks for S3, Resend, and Mercado Pago; idempotent tests with DB reset between runs.
- CI/CD with GitHub Actions: pipeline that spins up PostgreSQL in a container, runs migrations, and executes all tests on every PR to main.

Stack: Next.js, React, TypeScript, Tailwind CSS, Node.js, Express, PostgreSQL | Live: <https://dulceslachacra.com>

La Red — Social Network Platform

Aug 2025 – Dec 2025

Collaborative social platform with authentication and interaction system.

- Relational database with 7 entities: users, admins, posts, comments, likes, follows, and searches.
- REST APIs with JWT authentication.
- Responsive interface with Next.js, Tailwind CSS and validation with React Hook Form and Zod.
- Collaborative Git workflow (feature branches, PRs, code reviews).
- Agile development methodology (short iterations and incremental deliveries).

Stack: React (Next.js), Node.js, Express, PostgreSQL, Tailwind CSS, React Hook Form, Zod

Backend GitHub: <https://github.com/FlorenciaRusso9606/backendTpFinal>

Frontend GitHub: <https://github.com/briabril/TPFinal-TUDW>

INTA — Agricultural Cost Visualizer

Apr 2025 – Jun 2025

Web application to estimate and compare operational costs in agricultural contexts.

- Calculation modules for plant health, fertilization, and machinery.
- Economic comparison visualization with dynamic charts (Chart.js).
- Custom input loading system and automatic per-hectare calculations.
- Responsive interface optimized for mobile and desktop.
- Collaborative Git workflow (feature branches, PRs, code reviews).
- Agile development methodology.

Stack: React, Vite, Tailwind CSS, Chart.js | Demo: <https://proyecto-inta.vercel.app>

Sinestesia — Music Explorer with Spotify API

Mar 2025 – Apr 2025

Spotify API integration with PKCE authentication and playlist management.

- PKCE authentication flow with Spotify.
- Search for artists, albums, and playlists across multiple endpoints.
- Playlist management linked to user account.
- Collaborative development with Git and GitHub.

Stack: React, JavaScript, Spotify API | Demo: <https://tp-react-2-mu.vercel.app>

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, Tailwind CSS, HTML, CSS, Bootstrap

Backend: Node.js, Express, PHP, Laravel, REST API, JWT Authentication, Hexagonal Architecture

Databases & ORM: PostgreSQL, Prisma ORM, Relational modeling, Star Schema, ETL pipelines

Tools & Development: Git, GitHub, Postman, Docker, Jest, Supertest, Vitest

Deployment & Cloud: Vercel, Railway, AWS (S3), Docker, GitHub Actions (CI/CD)

Forms & Validation: React Hook Form, Zod, TanStack Query

Languages: Spanish — native | English — intermediate (B1–B2), fluent technical reading

Active learning: Python, Pandas, NumPy — data analysis with real datasets (well production, energy sector)

EDUCATION

Associate Degree in Web Development

Universidad Nacional del Comahue · 2023–2025 | Neuquén, Argentina