

Franco Ferreira

Senior Full-Stack Developer | Product Engineer

Buenos Aires, Argentina · Remote or hybrid in Buenos Aires · frxnco@protonmail.com
francoferreira.com · linkedin.com/in/franco-ferreira · github.com/frxnnk

PROFILE

Full-stack developer and product engineer with 7+ years building web products, backend services and integrations. Co-founder of Rely, where I lead product and engineering for the customer dashboard and the operations queue. Previously at Aivo, HSBC and Ford. I work mainly with React, TypeScript, PostgreSQL and REST APIs, plus Kotlin/Java and Spring Boot on the backend. In my own projects I integrate model APIs with validated JSON output and function calling. I use Codex regularly and own the design and the final result.

SKILLS

Frontend: React, TypeScript, Next.js, JavaScript, Angular
Backend & data: PostgreSQL, SQL, REST APIs, webhooks, Kotlin, Java, Spring Boot
Integrations & delivery: Auth0, Stripe, Cloudflare R2, Docker, Git; testing with Cypress, Karma and Percy
Applied AI: model API integration, JSON validation and repair, function calling, local inference with Qwen2.5 and Llama.cpp, Python; AI-assisted development with Codex

EXPERIENCE

- Rely** · Co-founder · Product and full-stack engineering Feb 2024 – Present
- Built the customer dashboard and the internal operations queue for LATAM founders forming and running US companies: filings, payments, banking, documents, deadlines and support in one place.
 - Designed a shared order model that turns each provider's status into the customer's next action and the operations team's queue.
 - Connected 6+ external services; sensitive actions require explicit approval and attached evidence.
 - Stack: React, TypeScript, Kotlin, Spring Boot, PostgreSQL, Auth0, Stripe, Docker, Cloudflare R2.
- Acelera** · Co-founder · Applied software and integrations Jan 2026 – Present
- Turn broad business briefs into stakeholder interviews, workflow maps, scoped TypeScript and Python prototypes, and a defined pilot proposal.
- Aivo** · Full Stack Developer Nov 2022 – Jul 2024
- Built Angular admin tools that let non-technical enterprise teams configure and manage conversational-AI flows without engineering support.
 - Owned unit, end-to-end and visual-regression testing with Karma, Cypress and Percy, working with product and UX.
- HSBC** · Full Stack Developer Dec 2020 – Nov 2022
- Built customer onboarding with Angular and Java Spring Boot in a regulated banking environment.
 - Integrated biometric capture with identity verification and handled document-validation and eligibility edge cases.
- Ford Argentina** · Full Stack Developer May 2019 – Dec 2020
- Built and maintained Java Spring Boot services and SQL-heavy workflows for parts, inventory and logistics in Argentina and Brazil.
 - Migrated AngularJS screens to Angular 8 while the system stayed in use.

PROJECTS

LLM Local PDF (2026, public): Offline pipeline with Qwen2.5 and Llama.cpp that extracts Argentine legal PDFs into reviewable JSON. HTTP client with timeouts and retries, JSON repair and schema validation. github.com/frxnnk/llmlocalpdf

Lemon Box (2026, with Ferced for Lemon): Desk display with live market data. ESP32-S3 firmware, hardware integration, 3D printing and assembly; OTA updates from GitHub Releases. Enclosure modeled by Joaquín. github.com/frxnnk/lemon-display

Faro (2026): Winner of the Hack@LATAM transparency track: map-based search over public-works records.

EDUCATION

Technical Diploma in Information Technology · Escuela Técnica Nuestra Señora del Valle · 2017. Additional coursework: CS50 and Platzi.

LANGUAGES

Spanish (native) · English (basic): I speak, read and write it