

Fernando Pablo Mirabile Viola

Senior Software Engineer | Tech Lead | Full Stack Developer

Professional summary

Senior Software Engineer with 10+ years delivering scalable solutions across fintech, SaaS, and collaboration platforms. Previously led a team of 6 engineers, driving 25% MAU growth through technical excellence and cross-functional collaboration. Core strength: rapidly adapting to any tech stack (React/Node to Spring Boot/Swift to legacy callback-based systems) while architecting maintainable systems. Proven track record modernizing legacy applications, eliminating technical debt, and establishing engineering best practices. Seeking Tech Lead role to combine hands-on development with technical mentorship in forward-thinking EU companies.

Professional experience

Jampp

Senior Software Engineer, Remote

FEB 2024 – PRESENT

Internal adtech platform (not customer-facing) - balanced rapid feature delivery with code quality initiatives. Maintained and modernized internal ad campaign management platform serving 20+ campaign managers across multiple microservices (**React, Express, MySQL, GraphQL, OpenSearch, AI tools, N8N**)

- **Integrated AI agents and tools** to automate workflows and enhance platform capabilities, significantly reducing manual intervention for campaign managers.
- Refactored legacy OOP-based React forms with duplicated state management into modern functional components using hooks and context.
- Worked across diverse tech stack: frontend, backend services, infrastructure (**Ansible**), and analytics (**OpenSearch, Superset**).
- Collaborated with product team to balance feature delivery with code quality improvements in a fast-paced environment focused on rapid iteration.
- **Core Stack:** React.js, Express (Node.js), MySQL, GraphQL, N8N, AWS

Harness (ex Split)

Senior Software Engineer, Remote

OCTOBER 2022 – FEBRUARY 2024

- Built features for core feature flagging product backed by **MongoDB** that directly impacted customer experimentation workflows. Measured impact through internal **A/B testing**, with improvements showing 18% increase in feature engagement metrics.
- Implemented reusable **React** hooks system that simplified feature development across the product.
- **Authored technical and architectural documentation** following company standards, reducing onboarding friction for new developers.
- **Core stack:** React.js, Typescript, GraphQL, Spring Boot (Java), MongoDB, Groovy, Golang

Mural

Senior Full Stack Engineer / Team leader, Remote

FEBRUARY 2020 – OCTOBER 2022

- **Led team of 6 engineers** within Growth pillar, focusing on user acquisition and engagement features.
- Architected and shipped redesigned sharing modal that improved user invite flow, resulting in ~25% increase in MAU over 3-4 months (**A/B testing**). New users tracked through registration and URL-based attribution.
- Operated Full Stack environment (**React, Express and MongoDB**) throughout the tenure, designing **Event-Driven Architecture** patterns to handle asynchronous background jobs and ensure system scalability.
- Built global feature flagging infrastructure using Optimizely as backend source of truth for web and mobile apps, enabling coordinated experimentation across platforms.
- Migrated **React router** legacy routes to modern "addon" architecture, reducing technical debt and standardizing patterns (**Context API, reselect**) across codebase making it easier for team to build new features consistently.
- Co-authored company-wide code review standards with architecture team, establishing principles like avoiding absolute imports, minimizing direct global state access, and preferring **Context** over **Redux**.
- Integrated **Airflow** pipelines to ingest **Optimizely** experiment data into Mural's datalake, enabling product and analytics teams to make data-driven decisions.
- **Core stack:** React.js, express (Node.js), Event driven architecture, Elasticsearch, Airflow, MongoDB, Optimizely

Kin + Carta (ex Solstice)

Software Engineer Technical Consultant, Buenos Aires (Hybrid)

SEPTEMBER 2017 – FEBRUARY 2020

- **Delivered full-stack solutions** for different clients.
- Built web and mobile applications using **Angular 4+, React, React Native, and iOS** (Swift), alongside backend services in **Spring Boot and Java**.
- Developed and maintained **integration APIs** using **MuleSoft**, improving reliability for client systems.
- Automated deployments using **Travis CI**.
- Used multiple tools from AWS: **DynamoDB, Lambda, EC2, S3**.
- **TDD and unit testing practices** within teams, improving codebase stability and catching regressions earlier in development.
- **Core stack:** Angular 4, React.js, React Native, Rabbitmq, MongoDB, ORACLE SQL, Spring Boot (Java), Mulesoft, Swift (iOS), AWS, GCP

Other relevant experience

Senior Web Application Developer | IT Resources S.A.

JULY 2016 – SEPTEMBER 2017

Developed enterprise financial portals and high-traffic banking applications in an Agile environment.

- Stack: C# (API REST), Angular.js, ORACLE SQL.

Web Developer | Adistec

MARCH 2014 – JULY 2016

Built internal management tools and client-facing applications, focusing on backend stability and data integration.

- Core Stack: Spring Boot (MVC, API REST), C# (MVC FRAMEWORK, nopCommerce), Vanilla JavaScript, jQuery

Contact

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Location

Porto - Portugal

Links

 [LinkedIn](#)

 [GitHub](#)

 [Portfolio](#)

Skills

Core Technical Skills:

- Expert: JavaScript, TypeScript, React, Node.js/Express
- Advanced: Java, Spring Boot, Angular, MongoDB, PostgreSQL, MySQL, AWS
- Proficient: GraphQL, Svelte, Python, GCP, Airflow, React Native
- Specialized Tools: Optimizely, MuleSoft, Twilio, Flowise, n8n

Leadership & Process:

- Technical mentorship & code review
- Agile/Scrum facilitation
- Cross-functional collaboration
- Architectural decision-making

Languages

Spanish: Native

English: C2

Portuguese: B2

Side Projects

MIBO AI

Creator & Lead Architect

JUNE 2025- PRESENT

Designing and building a specialized B2B architecture to validate non-deterministic LLM outputs at scale.

- **Architecting microservices ecosystem** that decouples high-throughput I/O from compute-intensive test execution workers, connected via an **Event-Driven Architecture**.
 - Leading the data strategy migration from **MongoDB MVP** to a relational **PostgreSQL** schema to ensure strict data integrity for complex trace analysis.
 - Developing a dashboard using **SvelteKit**, interfacing with a custom **API Gateway** to manage test configurations and visualize real-time results.
 - Designing a scalable infrastructure roadmap, utilizing **Docker** for containerization and implementing **Terraform** to automate environment provisioning.
 - **Core Stack:** TypeScript, Node.js, Python, PostgreSQL, SvelteKit, Docker, Terraform.
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Education

Informatics Engineering

Universidad Argentina de la empresa (UADE)

Buenos Aires

GRADUATED JULY 2024

5-year degree completed part-time while working full-time (standard practice in Argentina). Maintained full-time engineering roles throughout studies.

Certifications

- **IBM Ethical Hacking with Open Source Tools**
[Coursera](#) | [2026](#)
- **Agentic AI**
[DeepLearning.ai](#) | [2025](#)
- **Application Security for Developers and DevOps Professionals**
[Coursera, IBM](#) | [2025](#)
- **Design Solutions for Securing Applications**
[Microsoft](#) | [2025](#)
- **CCNA: Switching, Routing, and Wireless Essentials**
[Cisco](#) | [2023](#)
- **Data Engineering on Google Cloud Platform Specialization**
[Google](#) | [2018](#)
- **Spring Boot Developer E-Learning**
Pivotal Software | 2018
- **EF SET English Certificate**
[EF SET](#) | [2023](#)