

LEONEL MAZZAN



SENIOR SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Engineering Lead and Senior Software Engineer with extensive experience designing, building, and stabilizing complex digital platforms across fintech, healthcare, e-commerce, logistics, and public-sector environments.

Combines deep hands-on engineering with technical leadership across frontend, mobile, backend, cloud architecture, and DevOps. Strong background in system design, architectural decision-making, and delivery in production-critical environments where reliability, scalability, security, and long-term maintainability are essential.

Progressively assumed leadership responsibilities including engineering standards definition, technical audits, discovery and estimation processes, roadmap planning, and delivery oversight. Works closely with engineering teams, product stakeholders, and clients to align technical execution with business objectives, feature prioritization, and delivery constraints.

Recognized for a pragmatic and structured approach to problem solving, clear communication, and strong ownership of technical outcomes. Focused on building robust systems, enabling high-performing teams, and maintaining consistently high engineering standards under real-world constraints.

EDUCATION

Technical Degree in Programming

Newton — 2017 – 2019

Formal training in software development focused on programming fundamentals, algorithms, and real-world application development. Covered full-stack and mobile development, emphasizing structured problem solving and modern software systems.

Technical Degree in Electronics

Ing. Gabriel del Mazo — 2012 – 2017

Technical education in electronics, electrical systems, and communications. Provided a strong foundation in logic, circuit analysis, and system-level problem solving, later applied to software engineering and architecture.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (Official Certification)
- AWS Certified Cloud Practitioner (Official Certification)

TECHNICAL SKILLS

- **Languages:**
 - JavaScript, TypeScript, Python
- **Frontend & Mobile:**
 - React, Next.js, Angular, React Native, Tailwind, Material UI, ShadCN, Storybook
- **Backend:**
 - Node.js, NestJS, FastAPI, Flask
- **State & Data:**
 - Redux, Zustand, React Query (TanStack), Context API, SQL, NoSQL
- **Cloud & DevOps:**
 - AWS, Docker, Cloudflare, SST, CI/CD
- **Observability:**
 - Grafana, Prometheus
- **Automation & AI:**
 - n8n, CrewAI, LangGraph
- **Blockchain:**
 - Solidity, Foundry
- **Version Control:**
 - Git, GitHub, GitLab, Bitbucket, SVN

SOFT SKILLS

- **Engineering Leadership & Team Enablement**

Leadership and support of engineering teams through architectural guidance, technical decision-making, mentoring, and enforcement of engineering standards.

- **Architecture & Systems Design**
Strong capability in designing, reviewing, and evolving system architectures, balancing scalability, reliability, security, and long-term maintainability.
- **Roadmap & Delivery Management**
Active involvement in roadmap planning, estimations, delivery follow-up, and alignment between technical execution, timelines, and business priorities.
- **Stakeholder & Client Collaboration**
Close collaboration with clients, product stakeholders, and business teams on discovery, business analysis, feature prioritization, and decision-making.
- **Problem Solving & Decision Making**
Structured and pragmatic approach to solving complex technical, operational, and delivery challenges, making informed decisions under real-world constraints.
- **Ownership & Accountability**
Strong sense of responsibility for system quality, platform stability, and long-term technical outcomes.
- **Continuous Improvement**
Ongoing refinement of engineering processes, architectural practices, and team workflows through feedback, iteration, and retrospective analysis.

PROFESSIONAL EXPERIENCE

Aug 2024 – Present

SpaceDev - Engineering Lead

Engineering leadership role focused on technical excellence, delivery quality, and team growth across multiple projects and domains.

- **Responsibilities:**
 - Leadership and support of engineering teams through architecture design, technical decision-making, and enforcement of engineering standards
 - Technical audits and recovery of projects in critical or high-risk situations
 - Ownership of discovery processes, high-level estimations, roadmap planning, and delivery follow-up
 - Close collaboration with clients and stakeholders on business analysis, feature prioritization, and alignment between technical execution and product goals
 - Coordination across engineering chapters (Frontend, Backend, Mobile, DevOps, Blockchain, AI)
 - Hands-on technical contribution when required in time-sensitive or high-impact scenarios
- **Cloud & Infrastructure:**
 - Design, estimation, and review of AWS-based architectures
 - Planning secure, scalable, and cost-efficient infrastructures

- Stabilization and optimization of existing cloud environments
- Support for projects under delivery pressure or operational risk

Nov 2022 – Aug 2024

SpaceDev - Senior Full Stack Developer / Frontend Tech Lead

Senior engineering role combining full-stack development with frontend technical leadership across multiple products.

- **Key Projects:**
 - **Ubicuity** – Immersive experiences platform
 - **Okids** – Childcare and nanny management platform
 - **Tripwip** – Peer-to-peer vehicle rental platform
 - **Meteoros / Atrocap** – Management and billing platforms
 - **Northspyre** – Real estate risk analysis platform
 - **Glowy** - Music Events Platform
 - **Collector Crypt** - Collectible Storage and NFT Representation Platform
- **Responsibilities:**
 - Architecture definition and technical decision-making
 - Cross-team technical coordination and code quality oversight
 - Implementation of engineering standards and best practices
 - Collaboration with dev, product, and design teams to ensure consistent delivery
 - Optimization and stabilization of both code and infrastructure. Improving times and reducing costs

2021 – 2023

Valtech - Senior Software Developer

Senior engineering role with strong involvement in mentoring and technical guidance.

- **Key Contributions:**
 - Mentorship of four developers, supporting their growth toward senior-level proficiency
 - Frontend technical reference, primarily in React-based environments
 - **Client Engagements:**
 - **Omint** – Travel insurance e-commerce, clinical systems, payment platforms, hospital management, and customer portals
 - **Prisma** – Financial administration platform
 - **Dalfonso** – Vocational guidance platform, backoffice, and e-commerce solution
 - **M&M's** – End-to-end distribution and logistics platform covering manufacturing, taxation, multi-currency pricing, and warehouse management
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2019 – 2021

Aconcagua Software - Software Developer / Frontend Lead

Worked on large-scale financial and enterprise systems within the Red Link ecosystem, later assuming Frontend Lead responsibilities.

- **Key Projects:**

- Home banking platforms for Banco Ciudad and Banco Galicia
- Card management systems used by call centers for verification and lifecycle operations
- Multiple backoffice systems supporting card and judicial payment platforms
- Judicial payment system for Argentina's judiciary branch

- **Responsibilities:**

- Frontend architecture design and implementation
- Application of modular architecture, Strategy, and Observer patterns
- Development under enterprise-grade standards and constraints

Additionally contributed to a car insurance mobile application developed with React Native.

2018 – 2019

Freelance Software Developer

Worked as an independent software developer for multiple clients in Argentina, primarily on web-based systems.

- **Highlights:**

- Collaboration with ViewPoint, a marketing company in Mendoza, developing winery websites, product showcase pages, and an internal advertising management system
- Contribution to internal administrative platforms for the Mendoza Tax Administration (ATM)
- Adaptation to heterogeneous stacks and legacy systems, working mainly with jQuery and Angular
- Direct client interaction and autonomous project execution

**ADDITIONAL
CERTIFICATIONS**

- React Advanced: Fullstack Next.js, Apollo, MongoDB and GraphQL
- React PRO: Take your bases to the next level
- Next.js: The React Framework for Production
- React - The Complete Guide (incl. Hooks, React Router, Redux)
- React: From Zero to Expert (Hooks and MERN)
- React - The Complete Guide: Hooks, Context, Redux, MERN
- React JS + Redux + ES6: Complete from 0 to Expert
- NodeJS - The Complete Guide (MVC, REST APIs, GraphQL, Deno)
- Nest: Scalable Backend Development with Node

- NestJS: The Complete Developer's Guide
- PWA - Progressive Web Apps: From Zero to Expert
- Cypress: Master in QA Test Automation
- SQL - Complete Database Course - From 0 to Advanced
- FastAPI - The Complete Course 2024 (Beginner + Advanced)
- Python 3 Master Course: Learn From Zero
- Observability with Grafana, Prometheus, Loki, Alloy and Tempo
- The Complete SSL and TLS Guide: HTTP to HTTPS
- Docker - Practical Guide for Developers
- Architecting Applications with Docker
- Cypress: Master in QA Test Automation
- React Native: Native Applications for iOS and Android
- React Native Expo: Creating a TripAdvisor for Restaurants
- AWS Certified Solutions Architect Associate SAA-C03
- AWS Certified Cloud Practitioner CLF-C02
- The Complete Agentic AI Engineering Course (2025)
- AI Automation: Build LLM Apps & AI-Agents with n8n & APIs
- SEO and Google Positioning Course
- Design Patterns: Practical and Efficient Solutions
- Graph Theory: Learn from Zero
- The Complete SSL and TLS Guide: HTTP to HTTPS
- GIT+GitHub: Complete Version Control System from scratch