

Michel Varela

Team leader and software designer

heading to → software architect

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beyond code

- **Team leadership**
  planning, reviews, day to day
- **Software design**
  structure before code
- **Teamwork**
  decisions with shared context
- **Communication**
  from business to tech, no jargon
- **Mentoring**
  pairing, reviews, room to ask
- **Problem solving**
  the cause before the patch

skills

practice

Software architecture and design, code review, APIs, CI/CD, observability

languages

C#, TypeScript, JavaScript, SQL, PHP, Rust

frameworks

React, .NET, Laravel

data

SQL Server, PostgreSQL, Oracle

cloud and devops

Azure, Azure DevOps, Docker, Linux, Git

identity

Keycloak, SpiceDB, Entra ID

ai

Spec-driven agents, LLM integration

education

Bachelor's in Information Systems
Universidad ORT Uruguay
in progress, since 2023

languages

Spanish (native) · English (basic)

01 profile

I've been building for the web since 2012. Today I lead a team at a software development company and design systems with React and .NET for healthcare and finance clients: workflows that replace paper processes, integrations with legacy systems and identity platforms. I think through the structure before the code, write down why we made each decision, and I'm training to take the step to software architect.

02 experience

Team leader and software designer · Practia Uruguay — 2022 – now
Software development company. Senior developer, and team leader since mid-2022: planning, code reviews and solution design.

- **Centralized identity and permissions** finance · 2026
  Defined, with the architect, a single platform for employees, customers and suppliers: Keycloak + Entra ID, and permissions with SpiceDB (Zanzibar) on Azure AKS. In production.
- **Digital member onboarding** healthcare · 2025 – 2026
  Designed a state-based workflow that replaced a paper process across five departments, integrated with legacy systems: onboarding went 100% digital.
- **Healthcare back office** healthcare · 2022 – 2025
  Medication sales, OCR-indexed prescriptions and, as software designer, moving stock and purchasing off a legacy system. React and .NET.
- **Micro-frontend foundation** internal · 2022
  Designed a Module Federation foundation so several teams share one architecture and set of conventions.

Independent development · Roxgüel Devs — 2023 – now
Open source tools, products and my own games.

Full stack developer · Fusionar, Soluciones Tecnológicas — 2018 – 2022
From the front end to the database; I also managed the projects.

- **Work permits for high-risk industry**: thousands a month, risk-based approvals, web and mobile.
- **Access control with health checks**: biometric terminals, AI temperature and face-mask detection. Also document management with MFA, and asset recovery.

Earlier

Founder · Lobo.uy, web design studio — 2017 – 2018
Co-founder and web developer · Agencia Búho — 2014 – 2017
Lead developer · AGMarketing — 2012 – 2014

03 how I work with AI

Since 2025 I build with AI agents from specs: I write down what to build and why, and review every change before it's merged, as I would a teammate's code.

04 side projects

Wire-DSL wire-dsl.org
Wireframes as code: CLI, VS Code extension and MCP server. TypeScript.

godot-dev-tools gdt.roxguel.dev
Godot versions, addons and tests in a single binary, written in Rust.

Video games roxguel.com/en/games
From idea to store with Godot 4: Colorido on Google Play, Codedle on the web.