

Giovanni Molina

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PROFESSIONAL SUMMARY

Full-stack software engineer working across .NET/C# backends and TypeScript frontends (Vue.js, Nuxt.js, Angular), with SQL Server, Azure Service Bus and GitHub Actions CI/CD to IIS. Migrated a business school's legacy platform to Nuxt.js and cut page load times by over 90%. Built the .NET Core and SQL Server backend for Oppa, a startup platform connecting elderly users with caregiving professionals. Redesigned a Dynamics CRM bulk sync so 30,000+ records process in seconds. Also a technical lead and instructor: 20 of 45 learners in my cohort moved into tech roles within 3 months.

CORE COMPETENCIES

.NET / C# Backend

TypeScript, Vue.js, Nuxt.js, Angular

SQL Server

Azure Service Bus

CI/CD: GitHub Actions to IIS

REST APIs

Legacy Platform Migration

Agile / Scrum

WORK EXPERIENCE

TICDGM2019 - 2025 (project-based)

Full-Stack Software Engineer (Freelance)

Remote, Chile and Ireland

- Business school platform (2025): migrated the legacy platform to Nuxt.js, cutting page load times by over 90%.
- Oppa, silver-economy platform (2024): built a .NET Core backend, Nuxt.js frontend and SQL Server database for a startup connecting elderly users with caregiving and trade professionals. Set up and deployed Azure Service Bus for dependency coordination.
- Reprovet, equine-sector app (2021): designed the system architecture and technical plan (planning only).
- Time and attendance system (2020): fixed bugs in a .NET clock-in system for a company serving Chilean municipalities.
- Fitolab (2019): built the internal system and report generation for a phytoplankton company, using Angular, .NET and SQL Server.
- Set up CI/CD with GitHub Actions for automatic deployment to IIS servers on most projects.
- Built cross-platform mobile apps with Ionic and Angular, and WordPress sites for clients.
- Integrated secure payment gateways and planned sprints and dependencies with project managers and backend engineers.
- Wrote technical documentation, deployment guides and system playbooks. Use GitHub Copilot and Claude Code for implementation and documentation.

WIT - We make it simple!Aug 2018 - Mar 2019

CRM Consultant & Systems Engineer

Santiago, Chile

- Built and maintained Microsoft Dynamics CRM modules, workflows and integrations in C#, .NET Framework, JavaScript and SQL Server.
- Redesigned a bulk synchronization workflow so 30,000+ records process in seconds.
- Automated multi-level approval workflows with Power Automate and API connectors.
- Gathered business requirements on-site and turned them into technical specifications.
- Kept data reliable and secure through unit testing, peer code reviews and encryption.

Desafío LatamJun 2024 - Dec 2024

Technical Lead & Frontend Instructor

Remote

- Led cohorts through JavaScript OOP, Vue.js/Nuxt.js and web architecture, running implementation sprints with Git workflows and Firebase real-time data.
- Designed the curriculum, exercises and project assessments. 20 of 45 participants (44%) got tech roles within 3 months.

IT Project Manager & Technical Instructor

Santiago, Chile

- Managed technical solution and software development projects end to end, running Agile/Scrum sprints across cross-functional teams.
- Coordinated development teams, faculty and industry stakeholders, and mentored hundreds of students in troubleshooting and delivery.

Other Experience

- Retail Assistant, The Range, Limerick (Oct 2025 - Jul 2026): customer service, technology product advice, delivery and stock coordination.
- Agile Learning & Content Specialist (Freelance), Binaia (Jan - Mar 2025): .NET learning paths and technical documentation.
- Programming Instructor, Instituto Profesional Arcos (2019 - 2022): programming fundamentals, design patterns and Unity tooling.
- Unity Developer, Matus Studios (Mar - Sep 2018): endless-runner gameplay and procedural track generation in C#.
- Junior Systems & Mobile Engineer (Intern), GrupoExpro Technology (Jan - Mar 2018): Xamarin apps, legacy ASP.NET fixes, SOAP integrations.

PROJECTS

Medibot B.Eng thesis, 2025

SaaS for pharmacy order management over WhatsApp, with real-time messaging, order processing and AI message classification.

WhatsApp, Mistral 7B, Hugging Face

Django y MariaDB Esencial: CRUD y API Udemy course, author

4,798 students enrolled, 4.5/5 from 85 ratings.

Django, MariaDB

gmolina.dev Portfolio

Personal portfolio.

Astro 4, Tailwind CSS

EDUCATION

Bachelor's Degree, Computer Software Engineering Instituto Profesional IPLACEX 2022 - 2025

Grade 6.6/7.0.

Postgraduate Diploma, Computing in Cybersecurity Atlantic Technological University 2026 - 2027

Enrolled, Springboard+ funded.

Higher Technical Degree, Computer Programmer Analyst Duoc UC 2016 - 2018

Computer Engineering (coursework) Duoc UC 2013 - 2015

Microsoft Student Partner. 2nd place, CITT Annual Meeting 2014.

CERTIFICATIONS

Scrum Foundation Professional Certificate (SFPC) Certiprof 2022

Scrum Fundamentals Certified (SFC) VMEdU 2024

Google Cybersecurity Professional Certificate (in progress, 5 of 8 courses) Google / Coursera 2026

SKILLS

Backend: C#, .NET Core, .NET Framework, REST APIs, SQL

Frontend: TypeScript, JavaScript, Vue.js, Nuxt.js, Angular, HTML5, CSS3, responsive design, accessibility

Cloud & DevOps: Azure (Service Bus, Azure AD), CI/CD with GitHub Actions, IIS, Docker, Git

Databases: SQL Server, PostgreSQL, MySQL, Firebase, Supabase

Also: Ionic (mobile), WordPress, Python, Java, Microsoft Dynamics CRM, Power Automate

Practices: Agile/Scrum, Kanban, SOLID, unit testing, code reviews

Languages: Spanish (native), English (C1, IELTS Academic 6.5), Portuguese (B2)