

# JULIAN GIOVANELLI

Software Engineer

julian\_giovanelli@hotmail.com | [LinkedIn](#) | [juliangiovanelli.com](http://juliangiovanelli.com)

---

## SUMMARY

---

Full-stack software engineer with 9+ years building scalable, maintainable web applications. Strong background across .NET, Angular and Node.js, with hands-on experience designing billing, quoting and payment systems, integrating third-party and AI services, and operating cloud-native microservices on GCP (GKE / Kubernetes). Comfortable using AI tools to accelerate delivery. Passionate about clean architecture, TDD and continuous learning, and committed to shipping reliable software that delivers real business value.

## EXPERIENCE

---

### Software Engineer · Viirtue

Jan 2022 – Present

- Built an end-customer portal that lets customers stay up to date with their bills and payments in real time, integrating Stripe and Authorize.Net for payment processing and reducing inbound billing-support requests.
- Rebuilt the billing system from the ground up, improving reliability and accuracy of automated recurring and usage-based invoicing.
- Rebuilt the quoting system, adding customer e-signature support to let customers sign quotes online and shortening the quote-to-close cycle.
- Designed and delivered the end-to-end integration of an AI voice agent into the platform, capturing per-call usage and automating billing for AI-powered calls — opening a new usage-based revenue stream.
- Implemented an automated customer notification system, emailing customers about invoice statuses and payment confirmations to reduce manual follow-up.
- Built an integration with Rev.io and implemented document storage on Microsoft Azure to extend the platform's billing and storage capabilities.
- Refactored the entire reporting system into a more robust, standardized and functional solution, improving reliability and consistency across revenue, usage and accounts-receivable reports.
- Maintained and operated cloud-native microservices on Google Cloud Platform, containerized and deployed to Kubernetes (GKE), working within a monorepo and applying TDD and modern engineering practices for maintainable, well-tested and reliably deployable code.
- As Tech Lead (since Nov 2023), led a cross-functional team of up to 12 engineers and mentored teammates while continuing to contribute hands-on across the platform.

### Software Engineer · Inamika

Mar 2020 – Dec 2021

- Worked on an incremental web application using ASP.NET Core, ABP, MySQL and Angular to manage orders from different sources of sale.
- Developed a web application using ASP.NET Core, ABP, MySQL and Angular to measure company progress and growth.
- Helped improve infrastructure by implementing AWS services such as Lambda, EC2 and CloudTrail.

### Software Engineer · WB Sistemas SRL

Jan 2016 – Feb 2020

- Introduced Scrum methodology in the company and acted as team leader for newcomer projects.
- Managed and developed ASP.NET MVC applications applying SOLID principles, Entity Framework and Angular for maintainable, scalable and testable software.
- Built a bus-ticket selling platform for “RosarioBus” using ASP.NET MVC, Entity Framework, Angular, TDD and Scrum.

- Developed an e-learning platform for “Fray Luis Beltrán” training centers using ASP.NET Core MVC, Entity Framework, Angular, TDD and Scrum.
- Built an e-commerce platform for “Wiener” and “Metrolab” to buy and sell blood-test machines and equipment, using ASP.NET Core MVC, Entity Framework, Angular, TDD and IdentityServer.

## SKILLS

---

**Languages:** C#, JavaScript, TypeScript, Java, SQL

**Backend:** .NET / ASP.NET Core, ABP, Entity Framework, MediatR, MassTransit, Node.js, Spring/Hibernate

**Frontend:** Angular, AngularJS, Ionic, jQuery

**Data:** PostgreSQL, MySQL, SQL Server, Firebase

**Cloud & DevOps:** Google Cloud Platform (GKE), Kubernetes, Docker, AWS (Lambda, EC2, CloudTrail), Microsoft Azure, CI/CD (GoCD, Argo CD / GitOps)

**Integrations:** Stripe, Authorize.Net, Rev.io, AI voice agents, Keycloak / IdentityServer (SSO)

**Practices:** TDD, SOLID, design patterns, microservices, monorepos, cloud-native, Scrum

**AI tooling:** AI-assisted development with Claude Code, GitHub Copilot and similar tools to accelerate delivery

**Soft skills:** Collaboration, mentorship, continuous learning, receptiveness to feedback, positive mindset

## EDUCATION

---

**Systems Engineering (degree in progress) · UTN - FRRo** 2017

Completed coursework for a Systems Engineering degree; two subjects remaining to obtain the degree.

**Business-oriented High School Diploma · EEM 419** 2011

## SELECTED PROJECTS

---

- Linead Group — Web/mobile platform for medical appointments and a patient-tracking CRM, built with Node.js, Ionic, Angular and Firebase.
- Mountain Stream — Ingredients and raw-material tracking modules using ASP.NET Core MVC, Entity Framework, MediatR, TDD and AngularJS.
- Hoteliga — Payment-integration, reservation-calendar and identity/security modules for a hotel-management platform using ASP.NET (Core) MVC and AngularJS.

## LANGUAGES & ACTIVITIES

---

**Languages:** Spanish (native), English (professional working proficiency — preparing for B2 First)

- Participated in several Model UN simulations as Ambassador and General Congress member.
- Developed multiple side projects as an entrepreneur, exploring new technologies and methodologies hands-on.