

Agustín Santinelli, a 21-year-old Information Systems Engineering student at UTN-FRRO (entering 4th year). Focused on Clean Architecture and building scalable software, I am a motivated professional eager to deliver high-impact solutions within the IT field.

Education

2023-Present	**Information Systems Engineering student** UTN
2018-2022	**High School Diploma in Commerce & Accounting** Superior de Comercio "Libertador General San Martín"

Languages

Spanish Native

English B2 - Cambridge First Certificate

Contact me

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- https://agussantinelli.github.io/Portfolio/

Agustín Santinelli

FULL STACK DEVELOPER | INFORMATION SYSTEMS ENGINEERING STUDENT

Skills

- Programming Languages: Java, C#, JavaScript, TypeScript, Python, SQL.
- Backend & Frameworks: .NET 8/9 (ASP.NET Core), Spring Boot, Jakarta EE, Node.js (Express), JSP, Hono.
- Frontend: Angular 19 (Signals), Astro (Islands Architecture), Next.js 16+, React.js, Blazor WASM, WinForms, HTML5/CSS3.
- Databases & ORM: PostgreSQL, Microsoft SQL Server, MySQL, Prisma, Hibernate, Drizzle ORM, EF Core, ADO.NET.
- Tools & Testing: Git, GitHub, Maven, Vitest, Playwright, MSW, Jasmine, Karma, Cypress, xUnit, JUnit, Mockito.
- Methodologies & Architecture: Clean Architecture, Double Loop TDD, BDD (Behavior-Driven Development), Continuous Integration and Continuous Deployment (CI/CD), Kanban, SOLID.

Proyectos

FinanzApp – Investment Ecosystem | Full Stack Developer
Engineered a robust investment platform for the Argentine market using Clean Architecture. Integrated AI for precise financial data parsing and real-time multi-currency valuation. Implemented institutional-grade security features and a social investment module for high-fidelity portfolio distribution tracking.
Stack: .NET 9, ASP.NET Core, Next.js 16, TypeScript, SQL Server, Material.

MarketFlex – Ecosistema Marketplace Adaptable | Full-Stack Developer
Orchestrated a comprehensive ecosystem designed to eliminate the rigidity of traditional commercial platforms. Implemented an Islands Architecture using Astro 5 and React 19 for peak performance, paired with a modular Hono backend and Drizzle ORM for efficient data persistence. Focused on the 'Flex Factor' to decouple industry logic, integrating Mercado Pago API and a 900+ test suite to ensure institutional-grade robustness.
Stack: Astro 5, React 19, Node.js, Hono, Drizzle ORM, PostgreSQL, Playwright, Vitest.

Sysacad Next – University Management System | Reengineering Lead
Led a high-scale reengineering of the university's legacy portal to eliminate bureaucratic friction. Developed a reactive frontend with Angular 19 Signals and optimized Spring Boot services to handle peak enrollment traffic. Focused on high-performance state synchronization and secure student enrollment workflows.
Stack: Java 21, Spring Boot 3.5, Angular 19, PostgreSQL, Hibernate, Jasmine, Karma.

TicketApp – Event Ticketing Platform | Full Stack Developer
Architected a high-concurrency ticketing platform featuring an interactive SVG-based seat selection engine and secure Stripe integration. Ensured transactional integrity during peak sales periods and achieved high reliability through intensive automated testing with Vitest and Playwright.
Stack: React 19, Node.js, Prisma, Stripe, MySQL, Vitest.

BuyJugador – Gaming Inventory System | Backend & Desktop Dev
Designed an N-tier retail ecosystem synchronizing a modern Blazor WebAssembly SPA with a Windows Forms desktop application. Implemented Repository and Unit of Work patterns within a shared logic layer to ensure 100% data consistency across diverse multi-client management environments.
Stack: C#, .NET 8, Blazor WASM, WinForms, SQL Server, ASP.NET Web API.

ImpulsaME - Crowdfunding Platform | Java Developer
Built a social-impact platform with a decoupled 3-Layer Architecture. Implemented an automated project lifecycle state machine and a handcrafted JDBC persistence layer for optimized data performance without heavy ORMs. Managed secure donation cycles via anti-fraud Stripe integration.
Stack: Java Servlets, JSP, MySQL, Stripe Checkout, Apache Tomcat.