

Lucas Gallardo

Systems Analyst | Junior .NET Developer

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PROFESSIONAL OBJECTIVE

Systems Analyst and Systems Engineering student, with experience in .NET application development using C#, WinForms, ASP.NET, and SQL Server. Experienced in multi-tier architectures, design patterns, and systems modeling. Seeking to join a development team to contribute my technical skills and continue growing professionally.

SKILLS

Languages: C#, SQL (T-SQL), Python, Java, C

Technologies and Frameworks: .NET Framework, WinForms, ASP.NET, ADO.NET, Entity Framework, React Native

Databases: SQL Server (Stored Procedures, Triggers, Complex Queries, Query Optimization)

Cloud: Google Cloud Platform (Compute Engine, Cloud Load Balancing, VPC, Networking & Security, Data, ML & AI Fundamentals)

Tools: Git, GitHub, Visual Studio

Methodologies: Agile, UML, Use Cases, Sequence Diagrams, Multi-Tier Architecture, Design Patterns, SOLID

PROJECT EXPERIENCE

.NET Developer (Academic Team Project) | 05/2026 - Present

- Co-designed and built, as part of a three-person team, a web platform in ASP.NET (Web Forms) and C# on a five-layer architecture (GUI, BE, BLL, DAL and Services) for the end-to-end management of a veterinary clinic: clients, pets, clinical history, appointments, inventory and sales.
- Implemented the pets module and the horizontal and vertical check-digit scheme that detects tampering or corruption of database records.
- Built the data access layer with ADO.NET on SQL Server, using both connected and disconnected models, and took part in the permission-based access control (patente, familia, perfil) built on ASP.NET native authorization filters, with SHA-256 hashing and AES encryption for credentials and sensitive data.
- Took part in the full development lifecycle (analysis, design, implementation, testing and technical documentation), including use case, class and entity-relationship diagrams, with version control in Git and GitHub following the Git Flow model.

.NET Developer (Academic Project) | 04/2025 - 12/2025

- Designed and programmed a desktop application in C# WinForms (.NET Framework 4.8.1) under a multi-tier architecture (GUI-BLL-DAL) for automated library management.
- Implemented structural and behavioral design patterns (Singleton, Observer, Composite) to ensure software scalability and maintainability.
- Optimized data persistence in SQL Server, reducing response times for book searches by 20% through optimized queries and stored procedures.
- Managed the full development lifecycle: analysis, design, implementation, testing, and technical documentation.

Mobile & Backend Developer (Group Project) | 02/2022 - 12/2022

- Co-developed a mobile application with React Native focused on scanning packaged goods, designed to efficiently process a catalog of over 1,000 products.
- Designed and implemented the API and database connections, achieving real-time extraction, synchronization, and rendering of product details in less than 2 seconds.
- Responsible for creating architecture diagrams, technical documentation of the development process, and version control using Git and GitHub under agile methodologies.

EDUCATION

Engineering in Information Systems | 2023 - 2027 (In progress)

Universidad Abierta Interamericana

Computer Systems Analyst (Associate Degree - Intermediate Degree) | 2023 - 2025

Universidad Abierta Interamericana | GPA: 8,9

Computer Technician (Technical High School Diploma) | 2017 - 2022

Escuela Técnica N°36 D.E. 15 "Almirante Guillermo Brown"

CERTIFICATIONS

- Google Cloud Computing Foundations** - Google Academy (2023)
- Data Communication and Network Technology** - Huawei ICT Academy (2025)

LANGUAGES

- Spanish: Native
- English: Upper-Intermediate (B2)