

ANDRÉS EDUARDO BORRELLI

Software Architect | Senior Solutions Developer

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PROFESSIONAL SUMMARY

With over 40 years of experience in the financial IT sector, I have spent the last two decades specialized in Digital Banking. My career is defined by the design of high-demand SOA and Microservices architectures, with a strong focus on bridging the gap between legacy core systems and modern Cloud environments. Beyond technical execution, I have taken a lead role in IT Governance by authoring institutional development methodologies and enforcing rigorous compliance frameworks for mission-critical banking operations.

TECHNICAL FOCUS AREAS

- **IT Governance & Compliance:** Design of SDLC methodologies, software auditing, and enforcement of regulatory standards.
- **Systems Architecture:** Hybrid solutions (AWS/On-Premise) and scalable service layers.
- **Channel Modernization:** Core Banking integration with Home Banking, Self-Service Terminals, and Phone Banking.
- **Security & Access Control:** Identity management models and RBAC schemes for RESTful APIs.
- **Full-stack Development:** Backend (C# .NET 8 / Core) and native Frontend (Vanilla JS / Web Standards).

PROFESSIONAL EXPERIENCE

Independent Software Architect & Developer | 2024 – Present

- **Security Architecture:** Research and development of access control models (RBAC) for REST API services using .NET 8.
- **Technical Standardization:** Development of core infrastructure libraries to standardize and accelerate .NET development patterns.
- **Performance Optimization:** Design of modular interfaces focused on reducing overhead and execution times.

Banco Macro S.A. | Senior Software Architect | 2001 – 2024

- **Self-Service Terminals:** Technical design of the service layer (COBIS core) for Diebold terminals, integrating AWS and local environments.
- **Digital Banking:** Architectural design of services for Home Banking platforms (Cyberbank - Technisys).
- **Systems Integration:** Led core system unification processes during the Banco Bansud and Banco Macro merger.
- **Transactional Compliance:** Technical design of web applications for Payroll and Supplier Payment systems, ensuring adherence to strict banking security and audit standards.

Banco Bansud S.A. | Development Lead & Governance Head | 1995 – 2001

- **Methodology Framework:** Authored and implemented the institutional software development lifecycle (SDLC) and Application Lifecycle Management (ALM) framework.
- **Regulatory Compliance:** Created and managed the Development Compliance department, overseeing process auditing and technical integrity.
- **ALM Implementation:** Led the deployment of SDM Implementer for integrated core (AS/400) and departmental application management.
- **Team Leadership:** Managed internal programming teams for core maintenance and the development of new departmental solutions on AS/400.

Banco del Sud S.A. | Project Lead | 1993 – 1995

- **Core Banking:** Customization and implementation of the Customers module (SIAF - AS/400).
- **Change Control:** Design and development of an internal change control tool for the AS/400 environment.

Serviplus Software House S.A. | Development Manager | 1989 – 1992

- **Core Banking:** Technical lead for C&B core development (Chase Manhattan Bank) on AS/400.
- **Systems Maintenance:** Technical support and maintenance for Lloyds Bank, Exprinter, and Banco Mariva (Mainframe, S/36, AS/400).

Early Career | 1976 – 1989

- **ELACO S.A. (Exprinter):** Maintenance of core banking systems (S/36).
- **Banco del Iguazú S.A.:** Programming Lead. Departmental systems development (IBM S/34).
- **Wells Fargo Bank N.A.:** Analyst/Programmer. Core systems development (COBOL/RPG II, IBM S/34).
- **Banco Oddone / Banco Español:** Programmer. Core banking systems (COBOL, Mainframe).

TECHNICAL SKILLS

- **Frontend:** Vanilla JavaScript (ES6+), HTML5, CSS3/SASS, React.js.
- **Backend:** C# (.NET 8 / Core / Framework), REST API, SOAP, COBOL, RPG/400.
- **Databases:** SQL Server, Oracle, PostgreSQL (AWS Aurora), DB2.
- **Platforms:** AWS, IBM AS/400, Mainframe.
- **Languages:** Spanish (Native), English (Technical/Functional).