JUAN MANUEL CORBERA

Senior Backend Developer | .NET Core

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English: C1 (Advanced) | Spanish: Native

PROFESSIONAL SUMMARY

Senior Backend Developer with 19+ years of experience designing robust, scalable software architectures. Extensive industry experience in automation processes, financial services, and e-commerce platforms. Expert in building high-performance solutions using C#, .NET Core, and AWS. Strong background in migrating legacy systems to micro-services architectures and performing advanced database optimization for mission-critical systems.

PROFESSIONAL EXPERIENCE

Grid Dynamics

Senior Backend Developer (.NET Core)
April 2024 – Present

- Development of scalable backend micro-services using C# and .NET Core to support digital wallet and currency exchange functionalities.
- Implementing and managing the Core Banking integration (Mambu) to handle secure financial transactions.
- Designing and optimizing RESTful APIs for seamless communication between mobile clients and the server.
- Managing data persistence and caching strategies using MySQL Server.
- Integrating AWS services, including Amazon SQS for asynchronous messaging with external agents, Amazon Cognito for user authentication and authorization, and Amazon S3 for secure image storage.
- Collaborating with the team to define technical requirements and architectural decisions
- Work with distributed tracing and observability using OpenTelemetry.

Technologies: .NET 8, CQRS, EF Core 8, SQL Server, MySQL, AWS SDK, Mambu, OpenTelemetry.

Agrofy SA

Backend Developer (.NET Core)
April 2022 – March 2024

- Developing and maintaining backend services for e-commerce operations using .NET Core and C#.
- Implemented advanced search capabilities and performance improvements using Elasticsearch and MongoDB.
- Innovating application features and integrating AWS cloud services to ensure infrastructure scalability.
- Optimization and refinement of the ChatGPT system's instructions to power an advanced AI-based chatbot that offers contextual product recommendations to end users.
- Collaborating with the team on architectural decisions to support the platform's growth.

Technologies: C#, .NET Core, SQL Server, MongoDB, Redis, AWS, Elasticsearch, Prompt Engineering

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Credipaz SA

Software Architecture Lead
December 2015 – March 2022

- Leading the software development lifecycle and defining the system architecture for the financial platform.
- Designing and implementing RESTful APIs and MVC applications using C# and .NET Core.
- Refactoring WCF services and optimized database schemas in SQL Server 2016 to ensure data integrity for financial transactions.
- Driving application innovation and mentoring the development team.

Technologies: C#, .NET Core, WCF, ASP.NET MVC, SQL Server 2016, Telerik Controls

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Janus Automation SA

.NET Technical Lead & Developer
August 2009 – November 2015

- Developing desktop and web applications for industrial management (steel, oil, and gas industries), built with WPF, Silverlight, and ASP.NET MVC.
- Designing database structures and managing data flow in SQL Server 2012 for high-volume industrial data.
- Creating interactive user interfaces using Bootstrap and Knockout.js to improve system usability.

Technologies: WPF, ASP.NET MVC 4, Knockout.js, Bootstrap 3, C#, SQL Server 2012

TECHNICAL SKILLS

Languages:
C#, Java, Python, JavaScript, TypeScript

Frameworks & Platforms:
.NET Core, ASP.NET Web API, Entity Framework Core, ASP.NET MVC, WPF, WCF

Cloud & DevOps:
AWS, Docker, Microservices Architecture, Git

Databases:
SQL Server, PostgreSQL, MySQL, MongoDB, DynamoDB, Redis, Elasticsearch

AI & Productivity Tools:
Cursor AI, Prompt Engineering (ChatGPT)

EDUCATION & CERTIFICATIONS

Bachelor's Degree in Systems Engineering
National University of General Sarmiento

University Technician in Information Technology
National University of General Sarmiento

Systems Analyst
Instituto Leopoldo Marechal

English Certification – C1 (Advanced)
Nulinga (2023)

Cursor AI for Beginners: AI Coding Crash Course
Udemy (2025)