



Jesús Jahaziel Higareda López

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● ABOUT ME

Software Architect with extensive experience in **modernizing legacy systems into scalable microservices** using .NET Core. Skilled in **software architecture, APIs, corporate integrations, and team leadership**, focused on improving system reliability, efficiency, and compliance.

● WORK EXPERIENCE

🏢 **COFIDIS** – LISBON, PORTUGAL

SOFTWARE ARCHITECT – 01/04/2022 – CURRENT

Lead software architect driving the digital transformation of critical credit request services, integrating corporate CRM systems and ensuring high operational availability.

- **Technology modernization:** Migrated a key monolithic service to .NET Core microservices, improving API response times and reducing dependency on legacy systems.
- **Quality and resilience:** Introduced unit and integration testing in legacy code, achieving a **60% reduction in production incidents**.
- **Operational scalability:** Designed version 2 of the product, optimized to handle **high integration volumes** with minimal manual intervention.
- **Technical leadership:** Defined coding standards, reviewed microservice architectures, and guided the team in modern development practices.

🏢 **SOVOS (FORMERLY SAPHETY)** – LISBON, PORTUGAL

SENIOR SOFTWARE DEVELOPER – 01/10/2020 – 31/03/2022

Responsible for critical integrations in a European e-invoicing platform, ensuring fiscal compliance and transactional stability.

- **Functional innovation:** Implemented QR Codes for Continente invoices, supporting **thousands of daily transactions without errors**.
- **System robustness:** Optimized business logic and unit test coverage, improving overall system stability.
- **Strategic integrations:** Led third-party integrations aligned with European fiscal regulations, ensuring accuracy, traceability, and compliance.

🏢 **PAYSIMPLEX** – LISBON, PORTUGAL

SENIOR SOFTWARE DEVELOPER – 01/03/2019 – 30/09/2020

Modernized and scaled a digital parking platform, focusing on performance, maintainability, and user experience.

- **Technological transformation:** Migrated from .NET Framework 4.0 to .NET Core 3.0 microservices, reducing technical debt and operational costs.
- **Efficient frontend:** Refactored the frontend with Vue.js and developed new APIs, improving usability and system efficiency.
- **Scalable reliability:** Reduced critical failures and support times through architectural improvements and proactive monitoring.

🏢 **TE CONNECTIVITY** – GUAYMAS, MEXICO

FULL STACK DEVELOPER – 01/05/2018 – 28/02/2019

Developed internal solutions for quality control and process automation in a multinational industrial environment.

- **Smart prevention:** Implemented an early machine miscalibration detection system, reducing production losses.
- **Digital workflows:** Integrated approval processes with Active Directory and electronic signatures, optimizing time and traceability.
- **Critical alerts:** Built push notification systems for key events, improving operational response.

 **TICSON** – HERMOSILLO, MEXICO

FULL STACK DEVELOPER – 01/08/2016 – 30/04/2018

Part of an agile team developing a CRM for municipal water management (OOMAPAS), focusing on performance and regulatory compliance.

- **Comprehensive management:** Developed modules for contracts, billing, and state audit reports.
- **Performance optimization:** Improved queries and stored procedures, accelerating system performance and reducing processing times.
- **Operational automation:** Implemented direct browser printing, increasing staff efficiency.

 **YAQUISOFT** – GUAYMAS, MEXICO

JUNIOR FULL STACK DEVELOPER – 10/01/2016 – 31/07/2016

First professional role, developing industrial full-stack solutions with a focus on rapid and functional delivery.

- **Agile prototyping:** Gathered requirements and delivered functional prototypes directly to clients.
- **Complete architecture:** Developed backend (.NET MVC + EF) and dynamic frontend (JavaScript + DataTables).
- **Business intelligence:** Built custom reports with ReportViewer, facilitating strategic decision-making.

● **EDUCATION AND TRAINING**

01/08/2012 – 30/06/2016 Guaymas, Mexico

SOFTWARE ENGINEERING INSITUTO TECNOLOGICO DE SONORA

Website <https://itson.mx/> | Level in EQF EQF level 6

● **LANGUAGE SKILLS**

Mother tongue(s): **SPANISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
PORTUGUESE	C1	C1	C1	C1	C1
ENGLISH	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **SKILLS**

Programming & Frameworks

C# (.NET Core / .NET Framework) | ASP.NET MVC / Razor Pages | JavaScript (ES6+) / Vue.js | HTML5 / CSS3 | ReportViewer / DataTables | Entity Framework / LINQ

Database Management

SQLite | ORM (Entity Framework) | Oracle Sqlserver | SQL Server (T-SQL, Stored Procedures, Views)

IDEs & Tools

Visual Studio 2022 / 2019 / 2017 | Eclipse | JetBrains Rider | Visual Studio Code | Android Studio | SQL Server Management Studio (SSMS) | TFS / Azure DevOps Repos | NetBeans | Git (GitHub, GitLab, Bitbucket)

API & Testing Tools

Integration Testing | JMeter (Performance / Load Testing) | Postman / SoapUI / Swagger / OpenAPI | Unit Testing (xUnit, NUnit, MSTest) | REST / SOAP APIs

DevOps & Cloud

CI/CD (Azure DevOps, Jenkins, GitHub Actions) | Azure (App Services, Functions, SQL Database) | Docker / Kubernetes

Software Architecture & Design

Clean Architecture / SOLID Principles | Microservices Architecture | Domain-Driven Design (DDD)

Agile & Collaboration

Scrum / Kanban | Cross-functional Team Collaboration | Confluence | Jira / Azure DevOps Boards