

# EMANUEL ARIAS JOIRO

## Full Stack Developer | Backend Specialist

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### ABOUT ME

Results-oriented Full Stack Developer with 6 years of comprehensive experience in designing, developing, and optimizing scalable web and mobile applications. Specializing in backend development with .NET technologies (C#, .NET Core, .NET Framework) and SQL Server, complemented by proficiency in modern frontend frameworks like Angular and emerging skills in React JS, Node JS, and Express JS. I am actively seeking a challenging international remote role that offers significant growth opportunities and allows me to contribute to innovative projects. My background includes a proven success in enhancing system performance, notably reducing dashboard loading times by 70% through advanced SQL optimization. Fluent in English and a proactive collaborator in Agile/Scrum environments.

### STRENGTHS



#### Problem Solving

Proven ability to analyze complex technical challenges and architect effective, high-performance solutions.



#### Performance Optimization

Expertise in identifying and resolving application and database bottlenecks, significantly improving user experience and system efficiency.



#### Agile Methodologies

Proficient in Scrum, fostering adaptive planning, iterative development, and consistent, timely delivery of projects.



#### Full Stack Versatility

Capable of managing all aspects of development from database architecture and backend logic to UI/UX implementation and API integration.



#### Remote Collaboration & Communication

Experienced and highly effective in working with distributed international teams and communicating technical concepts clearly.



#### Continuous Learning

Passionately committed to professional development and staying abreast of the latest technological advancements, currently expanding expertise in React JS, Node JS, and MongoDB.

### SKILLS

Languages: C++/C#(5+ Years · Advanced) · JavaScript (6 Years · Advanced) · TypeScript · SQL (6 Years · Advanced)

#### Technologies & Tools:

.NET Framework (Advanced) · .NET Core (Advanced) · SQL Server (6 years · Advanced) · React JS (2 Year · Actively Learning & Applying) · Node JS (2 Year · Actively Learning & Applying) · Express JS (2 Year · Actively Learning & Applying) · Angular (2 Years · Intermediate) · Azure DevOps · Git · API · Rest · Postman · Blazor · .NET Maui · Mongo DB (2 Year · Actively Learning & Applying)

### EXPERIENCE

#### AIMCORP

Barranquilla, Colombia (Remote)

#### Fullstack Developer

2019 - Present

- Spearheaded the optimization of data access and manipulation by engineering complex queries and stored procedures, achieving a 70% reduction in dashboard loading times.
- Proactively monitored system health, managed incidents via Azure DevOps, and implemented robust bug fixes and new features to enhance application stability and functionality.
- Championed the integration and application of Agile methodologies, particularly Scrum, to streamline development lifecycles and ensure efficient project delivery.
- Developed WLS, a scalable web application using .NET Core and Blazor, to automate and control import, shipping, and warehousing logistics.
- Developed BoxApi, a .NET Framework web application for managing and analyzing service consumption across diverse company origins.
- Developed and maintained AIM, a critical .NET Framework web application for automating administrative tasks including risk management, audits, and strategic planning.
- **Technologies:** .NET Framework 4.8, .NET Core, C#, SQL Server, .NET Maui, Azure DevOps, Git, API Rest, JavaScript, Blazor

## EXPERIENCE

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Sykes

Barranquilla, Colombia

Fullstack Developer

04/2018 - 10/2018

- Successfully implemented and optimized new system functionalities while providing crucial maintenance and technical support for existing applications, ensuring high levels of efficiency and scalability.
- Conducted thorough database performance monitoring and tuning to enhance query speed and overall system responsiveness.

**Technologies:** JavaScript, Angular, Git, SQL Server, Azure DevOps

## EDUCATION

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Americana Barranquilla

Barranquilla, Colombia

Software Engineer

03/2023

- *Relevant Coursework:* Object Oriented Programming, Mobile Programming, Databases, Data Structures and Algorithms, Operating Systems, Computer Networks, Advanced Data Structures and Algorithms.

## PROJECT WORK

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WLS Mobile (AIMCORP 2024)

Key developer for a mobile application designed to automate, track, and control end-to-end processes in import logistics, shipping logistics, and warehousing. Delivered a user-centric solution improving operational efficiency.

- **Technologies:** .NET Maui, C#, Git, API Rest, SQL Server

WLS (AIMCORP 2024)

Developed a comprehensive web application automating and providing real-time tracking for import, shipping, and warehousing logistics processes. Focused on scalability and robust performance.

- **Technologies:** .NET Core, C#, Azure DevOps, Git, API Rest, Blazor, SQL Server

BoxApi (AIMCORP 2023)

Developed a specialized web application enabling the management and in-depth analysis of service consumption associated with various origins within a corporate structure.

- **Technologies:** .NET Framework 4.8, C#, Git, SQL Server

AIM (AIMCORP 2019)

Contributed significantly to the development of a multifaceted web application for a management system, automating administrative tasks across modules like risks, audits, indicators, documents, processes, and strategic planning.

- **Technologies:** .NET Framework 4.8, C#, Git, SQL Server

VibeShare (Personal project 2025 - In Development)

Active development of VibeShare, an interactive social network where users will be able to register, share content, and connect with others. The project is being built with the MERN stack, implementing JWT authentication and a REST API.

- **Technologies:** React JS, Node JS, Express JS, Git, API Rest, Mongo DB, JWT, Swagger

## LANGUAGES

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Spanish: Native

English: Professionally Fluent