

# 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 (1 Year · Actively Learning & Applying) · Node JS (1 Year · Actively Learning & Applying) · Express JS (1 Year · Actively Learning & Applying) · Angular (2 Years · Intermediate) · Azure DevOps · Git · API · Rest · Postman · Blazor · .NET Maui · Mongo DB (1 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.
- Architected and developed WLS, a scalable web application using .NET Core and Blazor, to automate and control import, shipping, and warehousing logistics.
- Designed and implemented 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)

Led development efforts for 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

BLOG (Personal project 2025 - In Development)

Currently developing a dynamic Single Page Application (SPA) for a blog, allowing users to create, view, edit, and delete articles, with features like keyword search and multi-page navigation. Showcases initiative and proficiency in MERN stack.

- **Technologies:** React JS, Node JS, ExpressJS, Git, API Rest, Mongo DB, Postman

## LANGUAGES

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Spanish: Native

English: Professionally Fluent