

Saúl Enrique Mercado Otero

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Full-Stack .NET Developer with 5 years of experience developing and modernizing enterprise applications. Experienced in migrating legacy systems to modern architectures such as Blazor, focusing on improving maintainability, scalability, and long-term system sustainability. Skilled in designing and evolving backend services and APIs using modern .NET technologies, as well as participating in architectural decisions that support the modernization of enterprise platforms. Additionally, experienced in integrating Artificial Intelligence capabilities into business solutions using AI agents and Azure AI Foundry, contributing to the improvement of productivity and the automation of business processes.

EXPERIENCE

AGTI (Alta Gerencia de Tecnología Informática)

Developer Semi Senior

Barranquilla, Colombia

March 2021– March 2026

- Designed API architectures using .NET (C#), improving system efficiency and significantly reducing response times.
- Led and contributed to the modernization of legacy applications based on traditional .NET technologies, leading the progressive migration to modern .NET and Blazor, improving maintainability, performance, and user experience.
- Assessed technical risks and defined migration strategies (incremental vs. rewrite), ensuring operational continuity and reducing technical debt.
- Implemented modern architecture patterns during technology migrations (componentization and separation of responsibilities).
- Collaborated with multidisciplinary teams, ensuring the fulfillment of objectives and on-time deliveries.
- Analyzed design patterns to ensure scalability and maintainability of solutions, reducing post-launch maintenance times.
- Implemented and optimized CI/CD flows, using tools such as Azure DevOps to significantly improve deployment times.
- Promoted continuous improvement practices and quality standards within the team.
- Identified and optimized development processes, increasing code reliability and reducing production errors.

EDUCATION

UNIVERSIDAD AUTÓNOMA DEL CARIBE

Systems Engineering

Barranquilla, Colombia

December 2020

TECHNICAL SKILLS

- .NET (C#), Blazor, APIs REST
- Modernization of legacy systems and reduction of technical debt
- Azure DevOps, CI/CD
- Applied AI integration (Azure AI Foundry, AI agents)
- Performance optimization in .NET applications
- Agile methodologies (Scrum)

LANGUAGES

- Spanish (Native)
- English (B2)