

Selvin Medina

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Summary

Full Stack .NET Developer with over 5 years of experience in building scalable, high-performance applications using C#, .NET, and Angular. I have a proven track record in software modernization and migration, applying Clean Architecture and microservices to deliver robust solutions. Skilled in Azure services, Docker, Kubernetes, and queue brokers like RabbitMQ.

Experience

Software Developer

Grupo Farsiman • San Pedro Sula, Honduras

Present

Key Responsibilities & Achievements:

- Led the development of scalable .NET backend services, implementing microservices architecture to enhance system modularity and maintainability.
- Implemented responsive and dynamic UI components using Angular, enhancing the user interface and ensuring smooth interaction with the backend services.
- Developed and deployed AI-powered document validation solutions using computer vision techniques (e.g., ID and passport verification), automating manual processes and improving accuracy.
- Applied Clean Architecture principles and design patterns, enhancing code quality and system scalability.
- Integrated Hangfire for background processing and RabbitMQ for message-based communication, resulting in efficient task handling and improved system performance.
- Leveraged DevOps tools like Azure DevOps, Docker, and Kubernetes to streamline CI/CD pipelines, ensuring fast and reliable software delivery.
- Mentored junior developers and participated in architectural decision-making, contributing to the continuous improvement of project workflows and best practices.

Software Specialist

Asociación Hondureña de Maquiladores (AHM) • San Pedro Sula, Honduras

03/2019 - 03/2020

Key Responsibilities & Achievements:

- Played a key role in the design and implementation of a comprehensive Payroll Module, following SDLC methodologies and adhering to industry best practices for secure software development.
 - Utilized C#, .NET MVC, and Razor Pages to build secure, maintainable applications, focusing on delivering high-quality user experiences.
 - Collaborated within a large, cross-functional team (23 members), utilizing Git for effective version control and project collaboration.
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Skills

.NET, C#, Docker, Kubernetes, RabbitMQ, SQL, Clean Architecture, DDD, Microservices, EF, CQRS, MediatR, Git, DevOps

Education

Bachelor's in Computer Engineering

CEUTEC • San Pedro Sula, Honduras

03/2025

- Currently focusing on developing a domain-driven backend system using .NET Core, applying Clean Architecture principles and implementing CQRS with MediatR.
- Utilizing a code-first approach with Entity Framework Core and PostgreSQL for efficient data management.
- Incorporating modern security practices such as role-based authorization and JWT for secure API design.
- Implementing a Minimal API Design for improved readability and maintainability of the codebase.
- Building a robust, maintainable backend to support an Angular frontend application, ensuring a seamless and efficient interaction with the platform.

Languages

Spanish (Native), English (Professional Working Proficiency)