

# 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, I am ready to bring my expertise to support Softacom's projects in modernizing legacy systems and integrating cloud solutions.

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## 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

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## Education

### Bachelor's in Computer Engineering

- 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.
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## Languages

Spanish (Native), English (Professional Working Proficiency)