

# EDUARDO MARTÍNEZ RAMÍREZ

Web and Cross-platform App Developer

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## ***Labor Experience:***

### **WEB DEVELOPER AT INTUYE.**

IT Services and Consulting. 04/2023 - 08/2023.

#### **Development of a document management system with PHP, HTML, CSS, and JavaScript with the following functionalities:**

Implementing a web platform with registration and authentication functions linked to a MySQL database using XAMPP.

Designing a user management system with customizable roles and privileges.

Shared function to send and receive files via email.

Creation of a file manager allowing: upload, delete, sort, and tag files.

#### **Development of an e-commerce website with .NET Core 6 and Azure:**

Utilizing ASP.NET Core and Razor Pages, implementing a microservices architecture with Azure and API management through Postman.

Using Azure Functions for serverless function implementation, reducing infrastructure costs.

Implementing monitoring and logging techniques using Azure Application Insights.

Implementing CI/CD pipelines with Azure DevOps to automate build, test, and deployment processes.

**Languages:** Spanish: Native. Inglés: B2, Technician.

## ***Academic Background:***

### **Amazon Web Services (AWS) Systems Developer Course.**

Tajamar Center. 02/2024 - 07/2024 (510h).

Cloud Application Development using AWS SDKs and development tools.

Utilization of services such as EC2, S3, RDS, SNS, Lambda, Docker, Kubernetes, Terraform, Grafana.

Certified in AWS Cloud Practitioner and Developer Associate.

### **Microsoft Azure Web Developer Course.**

Tajamar Center. 10/2023 - 02/2024 (400h).

Web development using .NET with ASP.NET Core: MVC, Razor Pages, Blazor, and RESTful API.

Cloud development on Azure with services such as Azure VM, App Service, SQL Database, Blob Storage, Active Directory, Functions, Cosmos DB, and Azure DevOps.

Certified in Azure Fundamentals and Azure Administrator Associate.

### **Higher Level Vocational Training Title: 'Senior Technician in Multiplatform Application Development (DAM)'.**

University Alfonso X El Sabio. 09/2021 - 07/2023.

Object-oriented programming in Java, C#, and PHP.

Mobile application development for Android using Android Studio.

Web programming with HTML, CSS, JavaScript, and Bootstrap.

## **ABOUT ME:**

I consider myself a responsible, proactive, organized, and energetic individual with an unwavering focus on improving my skills and knowledge. I always commit to giving my best effort until each project is satisfactorily completed, and I am constantly seeking new opportunities to learn and refine the solutions I develop. My training with the Higher Level Vocational Training (FP Grado Superior) in Multiplatform Application Development (DAM), where I achieved an average grade of 8, has provided me with a solid foundation in programming and software development. I am seeking to integrate into a position as a web or multiplatform app developer. I enjoy working in teams, utilizing Agile methodology.

## **SKILLS:**

Operating Systems used: Linux, Windows, Mac.

Front-End Programming Languages: Angular, React, HTML5, CSS3, JavaScript, JQuery, Ajax, Bootstrap, Sass.

Back-End Programming Languages: C#, Java, PHP, Python.

Mobile Application Languages: Android.

Relational Databases: MySQL, PostgreSQL, SQL Server.

Non-relational Databases: MongoDB, DynamoDB.

Version Control: GIT, Azure DevOps.

Cloud Services: AWS, Azure.

Development Environments: Utilization of tools such as Eclipse, NetBeans, Visual Studio, Visual Studio Code, IntelliJ IDEA, Android Studio for efficient code creation and debugging.

Methodologies: Agile, Scrum and Kanban.

Design Patterns: Model-View-Controller (MVC), Mediator, Repository.

## **PROJECT REPOSITORIES:**

### **Automation on AWS with Docker, CloudWatch, Lambda, SNS, and EC2.**

Project carried out on AWS through Cloud9 using Linux commands for message automation based on CloudWatch metrics and alarms. The project establishes that when Docker containers experience a failure or unexpected crash, they trigger an automated creation process based on metric adjustments, such as when CPU usage is above 70%. All of this is achieved through: SNS, Lambda functions, CloudWatch metrics, and EC2 instances, which send notifications to the Slack channel.

<https://github.com/eduardomarraz/AWS-Automation-with-Dockers-CloudWatch-Lambda-SNS-and-EC2>

### **.NET 6 project with Microservices for a product management web application.**

A website developed with .NET using ASP.NET Core: Razor Pages, connected to Azure through a Message Bus where subscribed emails receive messaging. The database is in SQL Server and is accessed through controller requests. The use of mediators, DTOs, and the repository pattern to achieve a level of abstraction with increased security to prevent components from having strong coupling, hence the use of dependency injection in the Program.cs part to ensure isolated functionality and improve modularity.

[https://github.com/eduardomarraz/-Microservicio\\_Productos\\_Hecho](https://github.com/eduardomarraz/-Microservicio_Productos_Hecho)

### **Android application for learning and memorization.**

Developing from scratch a standalone Android app for memorization using flashcards, specifically designed for individual learning of advanced technical concepts.

<https://github.com/eduardomarraz/Android-App-for-learning-and-memorization>.