

# Carlos Murillo Badilla

Software Engineering



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Portfolio



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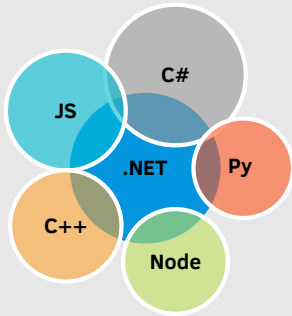


carlos-mb



CarlosMurillo2897

## Programming –



## Languages —

Spanish



English



## Soft Skills —

- Communicative Ability
- Technology Passion
- Great Analytical
- Management
- Self - Taught
- Team Work
- Attitude

## Summary

Hi my name is Carlos. Nice to meet you! I'm a passionate Software Developer and enthusiast of new technologies, programming and innovation. Along with my four years of experience working with multiple programming languages/technologies I currently work as a Full Stack which I enjoy as it allows me to work on applications from end-to-end. I find your company fascinating, I admire company's prestige, employees recommendations, technologies and the work the company does. I'll love to share and increase my knowledge and bring my abilities to this position.

## Education

2015 - 2019	<b>Systems Engineering Diploma Degree</b>	National University of Costa Rica
2015 - 2020	<b>Systems Engineering Bachelor Degree</b>	National University of Costa Rica

## Experience

Since 04/21 **Full Stack Developer (.NET Core & VueJS)** Growth Acceleration Partners

- Worked as a Full Stack Developer as part of UX/UI definition and improvements, VueBootstrap implementation, Components Definition, Router configuration, API requests with help of Axios
- Worked as a BackEnd Developer, implementing API controllers, Endpoints definition, Authorization, Entities Mapper, Unit Tests using NUnit/Mock Data and SQL scripts/Stored Procedures definition.

### Achievements

- Designed endpoints logic from API routes definition, Authorization, Dependency Injection to SQL queries execution using Dapper.
- Developed batch files for common Tasks like DataBase, Tables and Store Procedures creation, Building Solution and Unit Tests execution.
- Implemented SignalR library in order to trigger and broadcast notifications through connected users.
- BackEnd Unit Tests definition using NUnit with help of Mock Data and Dependency Injection.

08/19 - 04/21 **Software Engineer** EY (Ernst & Young)

- Worked as Software Developer implementing SCRUM methodology, being part of Requirements Definition, Architecture Design, Development and Solution Implementation. Contributed on multiple big data process developments using UiPath technology.
- Worked on QA, mainly on process improvement, test cases, providing supporting, troubleshooting, analyzing code in order to resolve problems, reducing the number of incidents, and providing processes updates according to business needs.

### Achievements

- Creation of multiple Development guides, based on Development topics and RPA Best Practices, LINQ, Excel Macros (VBA), C#/NET Lambda Functions/Statements.
- Provided management supervising and leading a small Development Team (4+), coordinating each development, supporting and reviewing.
- Multiple contributions on Macros (VBA) repository for reusable macro functions.
- Designed process architecture based on RPA best practices, time and resources improvement, Performer/Dispatcher model, and Queues (Data) Interaction.
- Developed Perl Data Management tool for Blue Prism processes, improving debug, Work Flow Management, Understanding, and Data Format.
- Developed C#/REGEX Data Extraction tool for UiPath processes, in order to improve and extract Process Work Flow Data as part of technical documentation.

- Worked as Full Stack JavaScript Developer, implementing Node as server/API, Angular as Front-End and Ionic as mobile platform. Development of functionalities for the back-end using technologies like MongoDB, Express (MEAN stack), on front-end development components with the usage of Bootstrap, HTML and Angular. Involved on development, testing, QA, client updates and maintenance of multiple Node projects.

- ASP .NET web application that manages user accounts, personal information, routines, activities, and appointments for high performance athletes, company administrators, trainers, national sports teams, and other users.
- Application based on a model view controller (MVC) architecture, Entity Framework, Code-First and EPPlus libraries.
- Software development includes front-end code UI interfaces, back-end functionality and persistent storage in a Microsoft SQL Server Database.
  - **Programming Languages:** HTML, CSS, Javascript, ASP.NET, Razor.
  - **Development Tools:** Bootstrap, Visual Studio, GitHub.
  - **Data Management:** SQL Server, LINQ, Entity Framework.
  - **Agile Methodology:** SCRUM.
  - **Development Time:** 2 years.

## Further Training

**Web Development:** ASP.NET, .NET Core, HTML, CSS, Bootstrap, Razor, JavaScript (Jquery, AJAX), TypeScript, Nodejs, VueJS, VueBootstrap, SignalR.

**Desktop Development:** C++, Python, C#, Perl, VBA, Bash.

**Data Management:** SQL Server, MySQL, PostgreSQL, Oracle, MongoDB, FireBase, LINQ, Entity Framework, REGEX, Dapper.

**Development Tools:** VS, VSC, NetBeans, Git (GitHub, BitBucket), Jenkins, Postman.

**Project Management:** SCRUM, Team Foundation Server, JIRA, Confluence.

**Testing:** NUnit, JEST, Mock, SonarQube.

## Certifications

2019	<b>SCRUM Fundamentals Certified</b>	SCRUMStudy
2020	<b>Learn Perl 5 By Doing It</b>	Udemy
2020	<b>Mastering LINQ with C# and .NET</b>	Udemy
2020	<b>The Complete Regular Expressions Course 2020</b>	Udemy
2020	<b>C# Basics for Beginners: Learn C# Fundamentals by Coding</b>	Udemy
2021	<b>The Complete SQL Bootcamp 2021: Go from Zero to Hero</b>	Udemy
2021	<b>Vue - The Complete Guide (w/ Router, Vuex, Composition API)</b>	Udemy
2021	<b>ASP .NET Core</b>	Platzi
2021	<b>2017 MEAN</b>	Platzi
2021	<b>Bootstrap 4</b>	Platzi
2021	<b>Testing with Vue.JS</b>	Platzi