

Marianella Cabrera Ahumada

Fullstack .NET Engineer

LANGUAGES:

English: **B2+**

Spanish: **Native**

Dynamic and goal-driven software developer with over 9 years of expertise in crafting and sustaining web applications and backend solutions. Demonstrated track record of successful collaboration within diverse teams, adeptly delivering projects punctually and within budget, while surpassing predefined objectives. Proficient in a spectrum of technologies encompassing C#, .NET, SQL Server, and Azure, underpinning a robust technical foundation.

SKILLS:

- » C#
- » .NET:
 - .NET Framework (3.5, 4.6.1, 4.8.1)
 - .NET Core (3.1, 5, 6, 7)
- » ASP.NET
- » MVC
- » Blazor
- » JavaScript
- » React
- » Angular
- » HTML/CSS
- » HTML5/CSS3
- » Python
- » API Rest
- » MySQL Server
- » SQL Server
- » Entity Framework relational mapper
- » XML/XSLT data manipulation
- » Adobe Photoshop
- » Adobe Illustrator
- » QlikView
- » Qlik Sense
- » GIT
- » Azure DevOps
- » Jira
- » Scrum methodology
- » Kanban methodology
- » Azure Functions
- » Azure platform
- » Excel
- » Razor view engine
- » WPF (application framework)

PROFESSIONAL EXPERIENCE

Solvo Global

ASP.NET Core Developer

July 2023 – present

Project Description:

The Defy-ED website, an ASP.NET Core application hosted on Azure, serves as an informative and e-commerce platform dedicated to erectile dysfunction. Utilizing HTML, CSS, Blazor, and extensive JavaScript with cache usage for a seamless user experience, the platform offers in-depth treatment guides, a comprehensive FAQ section, and an intuitive interface for purchasing relevant products. Backend development involves C#, API Rest, LINQ, dependency injection, and repositories, with Azure Functions providing additional functionalities. With a focus on accessibility and accuracy, Defy-ED empowers users to address erectile dysfunction concerns effectively while providing reliable resources for managing their health.

Responsibilities:

- » Spearheaded the formulation of comprehensive business requirements for the DefyED Project.
- » Drove innovation by conceptualizing, implementing, and deploying new features.
- » Implemented the Kanban Methodology to ensure a systematic and organized workflow.
- » Excelled in backend software development using multiple-layered programming techniques.
- » Upheld software integrity through meticulous unit testing and addressed challenges to optimize system efficiency.

Technologies

ASP.NET Core, C#, HTML, CSS, Blazor, JavaScript, API Rest, LINQ, Dependency Injection, Repositories, Interfaces, JSON, Mock unit testing, MySQL Server, Azure Functions, Azure DevOps, GIT, Kanban methodology

CH2 Solutions

.NET Engineer

September 2022—March 2024

Project Description:

Frontsteps is a dynamic residential community management platform that streamlines communication, tracks tasks, manages finances, and facilitates facility reservations. The project involved a web application using .NET Core, with a significant emphasis on integrating Blazor components. This included a migration from version 6 to 7 of .NET Core. The frontend utilized HTML, CSS, Bootstrap, and Razor views, while the backend was built with C#, employing API Rest, LINQ, dependency injection, JSON data manipulation and SQL Server. The system, comprising a multitude of libraries, underwent rigorous mock unit testing and integration with Redis and Docker.

Responsibilities:

- » Spearheaded comprehensive software research, design, and management, demonstrating a keen ability to conceptualize and execute cutting-edge programs.
- » Evaluated and tested new software solutions, ensuring the seamless integration of innovative technologies and maintaining a commitment to quality assurance.
- » Optimized software performance by expertly modifying code, addressing errors, and integrating enhancements, showcasing a proactive approach to continuous improvement.
- » Orchestrated the deployment of sophisticated software tools, processes, and metrics, contributing to the efficiency and success of organizational operations.
- » Guided software programming and documentation development, overseeing the entire lifecycle of projects with a focus on precision and excellence.
- » Executed hands-on coding and execution, translating project specifications into tangible and high-performing software solutions.
- » Consulted with engineering teams to evaluate software-hardware interfaces, developed meticulous specifications, and set performance requirements, showcasing a collaborative approach to cross-functional success in a temporary contract role.

Technologies

ASP.NET Core, C#, Blazor, HTML, CSS, Bootstrap, Blazor WASM, Razor view engine, Rest APIs, LINQ, Dependency Injection, Repositories, Interfaces, JSON, Mock unit testing, SQL Server, Redis, Docker, Azure DevOps, GIT, SCRUM methodology

Urbetrack

.NET Software Developer

January 2022 – September 2022

Project Description:

A tailored software solution was developed for Urbetrack's Urban Hygiene sector, emphasizing Blazor integration within a .NET WebForms application migration from version 4.6.1 to 4.8.1. Extensive frontend work included HTML5 with Bootstrap cards, XML/XSLT, and Razor views, while backend development utilized C#, API Rest, LINQ, dependency injection, SQL Server, Service Bus, RabbitMQ and ActiveMQ. Rigorous database analysis and administration ensured data integrity and optimal performance. The project also encompassed unit testing, JSON handling, and integration with Redis and Docker, delivering a scalable solution tailored to Urbetrack's urban hygiene management needs.

Responsibilities:

- » Led the development of customized software solutions tailored to meet client specifications, demonstrating proficiency in C# and SQL Server technologies and ensuring alignment with client objectives and industry standards.
- » Leveraged SCRUM methodology to drive project success, fostering collaboration, adaptability, and continuous improvement within the development team, resulting in enhanced project efficiency and client satisfaction.
- » Spearheaded backend software development initiatives utilizing a multi-layered programming approach, contributing to the creation of robust and scalable applications that optimize performance and maintainability.
- » Directed comprehensive database analysis and administration tasks, leveraging expertise in SQL Server to ensure data integrity, security, and optimal performance across systems.
- » Advocated ongoing professional development through e-learning courses in SOLID Principles, Clean-Code, Refactoring, and Defensive Code, enhancing skills and knowledge to deliver high-quality, maintainable code and solutions.

Technologies

ASP.NET Core, MVC, WebForms, C#, HTML5, Bootstrap cards, XML, XSLT, Blazor WASM, Razor view engine, API Rest, LINQ, Dependency Injection, Repositories, Interfaces, JSON, SQL Server, Service Bus, RabbitMQ, ActiveMQ, Redis, Docker, Postman, Azure DevOps, Jira, GIT, SCRUM methodology

Kiltex S.A.

.NET Software Developer

January 2021 – December 2021

Project Description:

Worked on three distinct projects for different clients: Ationet, COA, and a parking management system. Ationet's project involved migrating a .NET app from version 3.5 to 4.6.1, with a frontend utilizing HTML, CSS, Bootstrap, and Razor views, while the backend was built with C#, employing REST APIs and microservices, LINQ, dependency injection, and SQL Server. COA's project also underwent a migration, from .NET Core 3.1 to 5, with similar frontend and backend technologies, alongside the incorporation of Redis and Docker. The parking management system was developed using VS Code for a desktop app backend in C#, with React.js and Angular for the frontend, and additional technologies such as Redis, Docker, and Node.js were utilized. These projects aimed to deliver comprehensive solutions tailored to the specific needs of each client, incorporating a wide range of technologies and ensuring adherence to industry standards.

Responsibilities:

- » Spearheaded in web design and software development endeavors, leveraging expertise in a diverse range of technologies including C#, React, and Angular to deliver intuitive and responsive user interfaces and robust backend functionality.
- » Orchestrated comprehensive database analysis and administration tasks, ensuring data integrity, security, and optimal performance across systems, while effectively managing remote work engagements for Ationet and COA clients, showcasing adaptability and effective communication skills.
- » Employed SCRUM methodology to foster collaboration, adaptability, and continuous improvement within the development team, resulting in enhanced project efficiency and client satisfaction.
- » Showcased a strong focus on backend development, contributing to the creation of scalable and efficient solutions that meet project requirements and industry standards, while also providing support for frontend development initiatives when needed.

Technologies

ASP.NET Core, MVC, C#, React, Angular, HTML5, CSS3, Bootstrap, Blazor Server, Razor view engine, REST APIs, Microservices, LINQ, Dependency Injection, Repositories, Interfaces, SQL Server, Redis, Docker, Node.js, Azure DevOps, GIT, SCRUM methodology

BA-Telco S.A

Support Analyst in Engineering Solutions and Services

January 2019 – December 2020

Project Description:

The project centered on Oracle database administration for the management of client incidents, including fiber optic network reconnection and mapping. Emergency incident management was handled during on-call shifts. Additionally, two .NET tasks were developed: one for data extraction and storage in an Excel file, and another for the sending of specific database data via email. These efforts were crucial in optimizing network management and ensuring timely incident resolution for clients.

Responsibilities:

- » Directed the attentive to detail fiber optic network mapping process using Bentley Fiber tool, ensuring accurate representation and documentation of network infrastructure, and contributing to improved efficiency in network management and maintenance.
- » Directed comprehensive database analysis and administration tasks, leveraging expertise in C# and .NET technologies to ensure data integrity, security, and optimal performance across systems, while also engaging in automated processes programming to streamline report generation and enhance operational efficiency.
- » Facilitated SCRUM methodology to enhance collaboration, transparency, and adaptability within the support team, resulting in improved project management processes and timely delivery of solutions to clients.

Technologies

.NET Framework, Entity Framework, C#, HTML, CSS, JavaScript, Oracle SQL Database, Adobe Photoshop, Adobe Illustrator, Jira, SCRUM methodology

Cencosud S.A.

Frontend Developer

January 2019 – December 2019

Project Description:

Focused on optimizing SEO strategies, the project involved creating and integrating text and images into web page layouts for the Jumbo, Disco, and Veja brands. Each layout was meticulously structured to align with SEO requirements and enhance online visibility. Additionally, promotional pages for e-commerce, including the May 2019 Hotsale page, were designed and developed to maximize sales opportunities. Tasks as well included utilizing VTEX for configuring layouts and programming promotions, with a particular emphasis on the comprehensive design and execution of the layouts.

Responsibilities:

- » Enhanced crafting visually appealing and user-friendly web page layouts for Jumbo, Disco, and Veja brands, leveraging expertise in HTML/CSS and JavaScript to enhance the online shopping experience and drive customer engagement and conversion.
- » Designed and developed the May 2019 Hotsale page layout, ensuring seamless integration of design elements and functionality to maximize promotional impact and sales opportunities.
- » Significantly collaborated with the E-Commerce Area on a temporary contract basis, showcasing adaptability and efficiency in meeting project requirements and deadlines.

Technologies

VTEX, HTML, CSS, JavaScript, Adobe Photoshop, Adobe Illustrator

Taligent S.A.

Business Intelligence Designer

2018 — 2019

Project Description:

The project focused on creating SQL scripts for the development of various dashboards and boards in QlikView. Extensive graphic design was employed to ensure each dashboard's aesthetic appeal and precise layout. Additionally, for Qlik Sense, various mashups were crafted using HTML/CSS and JavaScript to enhance user experience and functionality. The project aimed to deliver visually appealing and intuitive data visualization solutions tailored to specific business needs and objectives for clients such as Transener and Día.

Responsibilities:

- » Oversaw and enhancement of desktop and web-view applications, showcasing expertise in HTML/CSS, JavaScript, QlikView, and Qlik Sense to deliver intuitive and data-driven solutions that meet client requirements and enhance decision-making processes.
- » Designed and deployed web dashboards, providing functional documentation, reports, and application reports to support business intelligence initiatives, contributing to improved data visualization and analysis capabilities.
- » Applied SCRUM methodology to drive project success, fostering collaboration, adaptability, and continuous improvement within the BI team, resulting in enhanced project efficiency and client satisfaction.
- » Actively resolved on-site work for Transener and Día clients, ensuring effective communication and collaboration to deliver tailored solutions that address specific business needs and objectives.

Technologies

HTML, CSS, JavaScript, QlikView, Qlik Sense

Freelance

Software Frontend Engineer

January 2015 — December 2018

Project Description:

A comprehensive medical system was developed from scratch using .NET Entity Framework and Bootstrap for the front-end, with a SQL Server database. The system included modules for Patient, Treatment, Evolution, Doctor, and Shifts, tailored to the Spanish Hospital in Argentina. Tasks primarily focused on front-end development, including HTML, CSS, Bootstrap, and occasional JavaScript functionalities, with no involvement in backend tasks. Ongoing maintenance and client-requested extensions were managed post-production to ensure system reliability and client satisfaction.

Responsibilities:

- » Led the development of a comprehensive medical system comprising modules such as Patient, Treatment, Evolution, Doctor, and Shifts, tailored to meet the specific needs of the Spanish Hospital in Argentina, showcasing expertise in HTML/CSS, SQL Server, and .NET technologies.
- » Conducted comprehensive functional analysis and elicited functional and non-functional requirements, ensuring alignment with client expectations and system limitations, and contributing to the creation of a robust and efficient system architecture.
- » Enacted a monthly maintenance plan and addressed extensions requested by the client post-production, demonstrating a commitment to ongoing support and client satisfaction.

Technologies

ASP.NET Framework, Entity Framework, MVC, HTML, CSS, JavaScript, SQL Server, GIT

Deloitte & Co. S.R.L.

Malware Analysis Intern

2015

Project Description:

Focused on monitoring and analyzing ransomware incidents sourced from news outlets. Extracted key details using Python scripts, including target organizations, attack methods, and ransom demands. Data visualized in Excel. Received assembly language training for malware behavior understanding. Client meetings provided cybersecurity insights. Aimed to offer actionable insights into ransomware trends for informed decision-making.

Responsibilities:

- » Conducted in-depth research on known types of malware, contributing to the generation of comprehensive reports to aid in risk assessment and mitigation strategies, showcasing proficiency in Python and Excel for data analysis and visualization.
- » Created basic scripts in Python for malware detection, demonstrating practical application of programming skills to enhance cybersecurity measures and support the Risk Advisory Team's objectives.

Technologies

Python, Excel

EDUCATION

Current

Informatic Systems Engineering, Universidad Abierta Interamericana