Marianella Cabrera Ahumada

Sr. Fullstack .NET Engineer

LANGUAGES:

English: **C1+**

Spanish: **Native**

Dynamic and goal-driven software developer with over 10 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.

TECHNICAL SKILLS:

Core Technologies

- » C# | .NET Core | .NET Framework | ASP.NET MVC
- » Entity Framework | NHibernate | Prisma
- » Node.js | Next.js | PHP | Laravel Web Development

Web Development

- » HTML5 / CSS3 | JavaScript / TypeScript
- » React.js | Angular | Bootstrap | Blazor
- » RESTful APIs | Microservices

Database & Storage

- » SQL Server | MySQL | MariaDB | Oracle SQL | PostgreSQL
- » Redis | Message Queues (Service Bus | RabbitMQ | ActiveMQ)

DevOps & Cloud

- » Azure (Functions, DevOps)
- » Docker | CI/CD | Git | FTP

CMS & E-commerce

- » WordPress | Shopify | Optimizely | SEO

AI & Machine Learning

- » NLP | Python | AI Training Platforms | Conversational Design

Business Intelligence

- » QlikView | Qlik Sense
- » Data Analysis | Reporting

Tools & Platforms

- » VTEX Platform | Jira | Azure DevOps
- » Bentley Fiber (Network Mapping)
- » Adobe Creative Suite
- » Postman Core Technologies

BUKU Ship

Software Engineer   June 2024 — Present

Project Description:

A shipping and logistics management solution featuring a complex, large-scale system developed using .NET Core 8 with Blazor components. The platform integrates with various shipping providers and logistics systems through extensive API development, requiring thorough testing of API collections in Postman. The sophisticated software architecture handles high-volume shipping operations and real-time tracking functionality, supported by PostgreSQL database migrations and meticulous data structure management. This robust system streamlines logistics workflows while maintaining performance and reliability for enterprise-level shipping operations.

Responsibilities:

»   Developed and maintained a complex system using .NET Core 8 and Blazor.
»   Created and tested extensive API collections using Postman.
»   Implemented database migrations and managed data structures in PostgreSQL.
»   Collaborated with cross-functional teams to deliver high-quality software solutions.
»   Utilized Git for version control and collaborative development.

Technologies

.NET Core 8 - C# - Blazor - PostgreSQL - RESTful APIs - Postman - Git

Solvo Global

ASP.NET Core Developer   March 2023 — April 2024

Project Description:

The Defy-ED website is an ASP.NET Core application hosted on Azure, designed as an informative and e-commerce platform focused on erectile dysfunction. It provides users with treatment guides, a comprehensive FAQ section, and an intuitive interface for purchasing products. The frontend utilizes HTML, CSS, and JavaScript to ensure a seamless user experience. The backend is developed with C#, RESTful APIs, LINQ, and Azure Functions to enhance functionality and accessibility.

Responsibilities:

» Developed comprehensive business requirements for the DefyED Project, focusing on client needs and strategic project development.
» Innovated by implementing and deploying new features, translating ideas into effective software solutions.
» Applied Kanban Methodology to ensure systematic workflow and accelerated project timelines.
» Excelled in backend development using multi-layered programming techniques, enhancing system robustness and scalability.
» Conducted detailed unit testing and code modifications to optimize performance and address challenges.

Technologies

ASP.NET Core - C# - HTML / CSS - JavaScript - RESTful APIs - LINQ - Azure (Functions, DevOps) - MySQL - Git - Kanban

CH2 Solutions

Project Description:

Frontsteps is a residential community management platform that facilitates communication, task tracking, financial management, and facility reservations. The project involved a web application using .NET Core, with a focus on integrating modern frontend technologies. The frontend was developed using HTML, CSS, Bootstrap, while the backend was built with C#, RESTful APIs, and SQL Server. The system underwent rigorous testing and integration with Redis and Docker to ensure reliability and performance.

Responsibilities:

» Conducted software research, design, and management, executing cutting-edge programs.
» Evaluated and integrated new software solutions, ensuring quality assurance.
» Optimized software performance through code modifications and enhancements.
» Deployed sophisticated software tools and processes, contributing to operational efficiency.
» Developed software programming and documentation, managing project lifecycles with precision.

Technologies

ASP.NET Core - C# - HTML / CSS - Bootstrap - RESTful APIs - SQL Server - Redis - Docker - Azure DevOps - Git - Scrum

Outlier

Project Description:

Contributed to the development and refinement of AI chatbot conversational capabilities, focusing on natural language processing improvements. Evaluated chatbot responses, implemented corrective measures, and collaborated with the AI development team to enhance overall user experience.

Responsibilities:

» Contributed to training and refining AI chatbot conversational capabilities
» Provided specialized input for natural language processing improvements
» Evaluated chatbot responses and implemented corrective measures
» Assisted in developing conversational flows and response patterns
» Collaborated with AI development team to enhance user experience

Technologies

Natural Language Processing, Machine Learning, AI Training Platforms, Python, Conversational Design

Urbetrack

.NET Software Developer	August 2022 — February 2023

Project Description:

Developed a software solution for Urbetrack's Urban Hygiene sector, focusing on integration within a .NET WebForms application. The project involved migrating the application from version 4.6.1 to 4.8.1. The frontend work included HTML5 with Bootstrap cards, XML/XSLT, and Razor views, while the backend utilized C#, RESTful APIs, LINQ, and SQL Server. The solution was designed to be scalable and maintainable, with integration of Redis and Docker for enhanced performance.

Responsibilities:

» Developed customized software solutions aligned with client specifications and industry standards.
» Utilized SCRUM methodology to drive project success and team collaboration.
» Focused on backend development, creating scalable applications.
» Conducted database analysis and administration to ensure data integrity and performance.

Technologies

Entity Framework / NHibernate - MVC - WebForms - C# - XML / XSLT - HTML5 / CSS3 - RESTful APIs - SQL Server - Message Queues (Service Bus, RabbitMQ, ActiveMQ) - Azure DevOps - Jira - Git - Scrum

Kiltex S.A.

.NET Software Developer   January 2020 — August 2022

Project Description:

Worked on projects for Ationet, COA, and a parking management system. The Ationet project involved migrating a .NET application from version 3.5 to 4.6.1, with a frontend using HTML, CSS, Bootstrap, and Razor views, and a backend with C#, REST APIs, and microservices. The COA project involved a similar migration from .NET Core 3.1 to 5, incorporating Redis and Docker. The parking management system was developed using React.js and Angular for the frontend, with additional technologies like Redis, Docker, and Node.js.

Responsibilities:

- » Managed projects for Ationet, COA, and a parking management system.
- » Migrated .NET applications and integrated Redis and Docker.
- » Developed a parking management system with React.js and Angular, ensuring adherence to industry standards.

Technologies

ASP.NET Core - Entity Framework - Prisma - MVC - C# - React.js - Angular - HTML5 / CSS3 - RESTful APIs - Microservices - MariaDB - SQL Server - MySQL - Redis - Docker - Node.js - Azure DevOps - Git - Scrum

Editorial Perfil S.A.

PHP Developer
<div align="right">May 2021 — December 2021</div>

Project Description:

Developed and optimized a document and image upload system to multiple servers, which had been compromised by a ransomware attack. This project involved learning PHP with Laravel from scratch, ensuring system reliability and improving performance. Additionally, new features were implemented, bugs were fixed, and the existing code was restructured to ensure it was clean, well-written, and optimized.

Responsibilities:

- » Learned PHP with Laravel from scratch, developing a solid understanding of the framework.
- » Restored and optimized a document and image upload system, improving system reliability by 50%.
- » Implemented new features and fixed bugs, enhancing system efficiency and usability by 30%.
- » Restructured and optimized the code, ensuring it was clean, well-written, and maintainable, reducing technical debt by 40%.

Technologies

PHP - Laravel - FTP - Server Management - Code Optimization

BA-Telco S.A

Support Analyst in Engineering Solutions and Services

August 2018 — February 2020

Project Description:

Managed Oracle database administration for client incidents, including fiber optic network reconnection and mapping. Developed .NET tasks for data extraction and storage in Excel, and for sending specific database data via email. These efforts were crucial in optimizing network management and ensuring timely incident resolution.

Responsibilities:

» Conducted fiber optic network mapping using Bentley Fiber, improving network management efficiency.
» Performed database analysis and administration, ensuring data integrity and security.
» Developed automated processes for report generation, enhancing operational efficiency.
» Enhanced team collaboration using SCRUM methodology.

Technologies

.NET Framework - Entity Framework - C# - HTML / CSS - JavaScript - Oracle SQL - Jira - Scrum - Bentley Fiber (network mapping tool)

Workana Freelance

Project Description:

Developed a comprehensive medical system for the Spanish Hospital in Argentina using .NET Entity Framework and Bootstrap. The system included modules for Patient, Treatment, Evolution, Doctor, and Shifts. Focused on front-end development, including HTML, CSS, Bootstrap, and occasional JavaScript functionalities, with no involvement in backend tasks. Managed ongoing maintenance and client-requested extensions post-production to ensure system reliability and client satisfaction.

Responsibilities:

» Developed a comprehensive medical system tailored to client needs.
» Conducted functional analysis and system maintenance.
» Managed client-requested extensions and ongoing support.

Technologies

ASP.NET Framework - Entity Framework - MVC - HTML / CSS - JavaScript - Bootstrap - SQL Server - Git

Cencosud S.A.

Project Description:

Focused on optimizing SEO strategies and developing web page layouts for the Jumbo, Disco, and Vea brands. Each layout was structured to align with SEO requirements and enhance online visibility. Additionally, designed and developed promotional pages for e-commerce, including the May 2019 Hotsale page, using VTEX for layout configuration and promotion programming.

Responsibilities:

» Developed visually appealing web page layouts for Jumbo, Disco, and Vea brands.
» Designed and developed the May 2019 Hotsale page layout, maximizing promotional impact.

Technologies

VTEX Platform - HTML / CSS - JavaScript - Adobe Creative Suite (Photoshop, Illustrator)

Deloitte & Co. S.R.L.

Malware Analysis Intern   May 2014 — April 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. Visualized data in Excel. Received assembly language training for understanding malware behavior. Participated in client meetings to provide cybersecurity insights. Aimed to offer actionable insights into ransomware trends for informed decision-making.

Responsibilities:

- » Conducted in-depth research on known types of malware.
- » Created Python scripts for malware detection and data analysis.
- » Generated reports to aid in risk assessment and mitigation strategies.

Technologies

Python, Excel

Taligent S.A.

Business Intelligence Designer   January 2014 — December 2014

Project Description:

Created SQL stored procedures 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:

- » Enhanced desktop and web-view applications, delivering data-driven solutions.
- » Designed and deployed web dashboards, supporting business intelligence initiatives.
- » Applied SCRUM methodology to foster collaboration and continuous improvement.

Technologies

HTML / CSS - JavaScript - QlikView - Qlik Sense - SQL Server

Resino and Ronix Companies

E-commerce Maintenance   October 2022 - Present

Responsibilities:

- » Performed product catalog maintenance in WordPress and Shopify
- » Managed product image uploading and optimization
- » Updated product information and pricing
- » Implemented SEO optimizations for improved visibility

Technologies

WordPress, Shopify, HTML/CSS, Photoshop, SEO

Personal Project

Professional Matching Platform

January 2023 - Present

GitHub: https://github.com/mxrcabrera/local-upwork

Responsibilities:

- » Developed frontend using React.js and Tailwind CSS
- » Implemented payment processing with Mercado Pago API
- » Created user authentication and role-based access control
- » Designed real-time notification system for match alerts

Technologies

React.js, Node.js, Express.js, Tailwind CSS, Mercado Pago API

Personal Project

Personal Portfolio

Live Site: https://mxrcabrera-dev-portfolio.netlify.app/

Responsibilities:

»   Built with Astro and Next.js for optimal performance
»   Designed responsive layouts that work across all device sizes
»   Includes Task Management Application with drag-and-drop functionality
»   Includes Optimizely Mini Project showcasing skills with Optimizely, including feature flags, A/B testing, responsive content personalization, and event tracking using React hooks

Technologies

Astro, Next.js, React.js, Tailwind CSS, Netlify, Optimizely

EDUCATION

Current   Informatic Systems Engineering - Universidad Abierta Interamericana