Castillo J

Senior Software Developer, 13+ years experience
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Software Engineer with 12+ years of experience as a Full stack Developer, experience developing commercial software. Attentive to quality of work in every stage of the development lifecycle from design, coding, debugging, testing, and maintenance. Advanced skills and knowledge of programming tools and development practices.

INDUSTRIES: Nearshore, Artificial Intelligence, Healthcare, Entertainment, Government, Finance, Ecommerce

TECHNICAL SKILLS

• C#	13 years & 7 months
• SQL Server	13 years & 4 months
• Bootstrap	13 years & 7 months
• .NET	12 years & 4 months
• jQuery	6 years & 2 months
• Angular	6 years & 3 months
• MVC	5 years & 4 months
• React	4 years & 7 months
• TypeScript	3 years & 2 months
• entity Framework	3 years & 6 months

PROJECT DETAILS

• Jalasoft — November-2020 - September-2023

Project Description: Design and programming of different systems in technologies such as (C#, NodeJS, MVC, WEB API, NETCORE and Cosmo DB).
Responsibilities: Backend development using C# with Entity Framework NETCORE for database connection and LINQ for advanced queries. Using NodeJS to connect with some external services. Frontend development with Angular 11, bootstrap and typescript to build dynamic forms, wizards, popups and special controls. Strictly adhered to coding standards and coding practice and took care to uphold the N- Layer architecture as defined in the project.
Technologies: IIS, C#, NodeJS, MVC, WEBAPI, Telerik, Entity Framework NETCORE, Typescript, NETCORE, Cosmo DB, Bootstrap, Ionic, Angular and .NET
Industry: Nearshore

• Day Dreamer Tech — January-2023 - May-2023

Project Description: Design and programming of different systems in technologies such as (C#, Angular, MVC, WEB API, NETCORE and Postgres DB).
Responsibilities: Backend development using C# with Entity Framework NETCORE for database connection and LINQ for advanced queries. Frontend development with Angular 13, bootstrap and Typescript to build dynamic forms, wizards, popups and special controls. Strictly adhered to coding standards and coding practice and took care to uphold the N- Layer architecture as defined in the project.
Technologies: IIS, C#, MVC, WEBAPI, Entity Framework NETCORE, NETCORE, Typescript, Postgres DB, Bootstrap, Angular and .NET
Industry: Artificial Intelligence

• SANATRIX CLINIC March-2012 - March-2014

Project Description: Several clinical systems such as the visitor system, the Sanatrix website and the administrative system.

Responsibilities: These systems were made in C#, Silverlight, WCF and WPF and their information was stored in SQL Server. Different clinical systems were developed, but the most important was the clinic visit system, since this system was made in HTML5 Pivot with amazing graphics for its clients. Additionally, participating in the improvement of old services and migrations to new technologies, making the clinic progress technologically.

Technologies: IIS, C#, SILVERLIGHT, WCF, WPF, SQL Server, Bootstrap, jQuery and .NET

Industry: Healthcare

• IT LOSUNGE June-2011 - March-2012

Project Description: DAPRO is a system that supports the creation of soap operas and sitcoms throughout their process such as inventory, locations and food.

Responsibilities: Project Description: Design and programming of new modules for DAPRO, Working on the development of different modules as locations and actors for each episode. These modules were made in C# and Silverlight. Participating in meetings and technology decision making for the new modules.

Technologies: IIS, C#, NHIBERNATE, SILVERLIGHT, SQL Server, Bootstrap, jQuery and .NET

Industry: Entertainment

• GCIT Games January-2016 - June-2018

Project Description: PIFFS, wildlife trafficking information and monitoring system

Responsibilities: Lead the development on this project, Website was developed on React JS, and it uses axios to communicate to APIs. These APIs were made in NodeJS and all calls are asynchronous. Used two Databases (MongoDB and Elasticsearch) MongoDB was used to save administrative and configuration data. Elasticsearch was used to save wildlife data, this data was used to search through website. The data engine was developed on Python; it could read a huge amount of data doing a bulk insert in Elasticsearch. The indexing engine was done in Python where the information was saved through Elasticsearch. For this project, needed to create a custom configuration that helped us to do a fast search on our DB. Hence, created a mapping with each field that we needed to search. A good practice is to keep main fields on a first level of document. In this project, a suitable mapping was integrated to achieve an effective search of each species indexed, also a very fast indexing was achieved with respect to previous versions. For example, the first version of the data engine took 2-3 hours to index all the data. However, it was rewritten, and we used parallelism techniques, we achieved to save data on 30 minutes. Needed to read candidate tweets and tweets relational to him. Could read each tweet and assigned it a polarity. It was helpful to candidates, because they could know their popularity in some places. The text could analyze through a lexicon. The project website was developed in ReactJS and used the REST API in Python Flask. Used two databases (MongoDB and Neo4j) In MongoDB he saved each tweet with all information about it, and used Neo4j to save tweet the relation of tweets and It was helpful to create graph per person. Did several graphs in Neo4j where we could create networks of people by polarit.

Technologies: IIS, C#, NodeJS, React, Python, Flask, Mongo DB, Neo4j and SQL Server, Bootstrap, jQuery, Material Design and .NET

Industry: Government

• TERATEL June-2014 - January-2015

Project Description: Leading a small group of developers where we worked with C#, WPF, Window Forms and SQL Server to carry out company’s administrative systems such as payroll and payment for the use of radio frequency terminals.

Responsibilities: Carrying out a monitoring system for the use of radio frequency terminals where we measured the minutes of each terminal use. Strictly adhered to coding standards and coding practice and took care to uphold the N- Layer architecture as defined in the project.

Technologies: IIS, C#, SILVERLIGHT, WCF, WPF, SQL Server, Bootstrap, jQuery, jQuery Mobile and .NET

Industry: Finance

• WIZZEL January-2015 - December-2015

Project Description: WIZZEL is a kind of e- commerce websites’ ERP, It is useful so that small companies can manage their shipments and stocks automatically in each social network

Responsibilities: Design and programming ERP systems to e-commerce. These were made in (C#, WPF, WCF, AngularJS) working on several modules for the WIZZEL'S integration with different API such as Mercado Libre and OLX. Working in the system to transfer the comments from the WIZZEL system to Mercado Libre through different APIs.

Technologies: IIS, C#, WPF, WCF, Angular JS, SQL Server, Bootstrap, jQuery and .NET

Industry: Ecommerce

EMPLOYMENT HISTORY

• Software Developer June-2018 - November-2020

Description: Technology Stack: IIS, C#, NodeJS, React, AngularJS, Web Forms, MVC, Oracle, SQL Server, Elasticsearch, Bootstrap and jQuery Project: ISOLUCION is a useful system to monitor and implement different standards such as ISO and ITIL. Project Description: Design and programming ISOLUCION’S new modules, these ones were made in React JS, AngularJS or Web Form and the backend was in C# with Web API and NodeJS. Participated in the creation of service packs and shipping packages for features/ bugs/hotfixes in all supported versions and migrations to new technologies. Project: ISOLUCION Knowledge Management. Project description: Developed a data engine with C# NET CORE, it gets data from several sources like (PDF, DOCX, ORACLE AND SQL SERVER) these data are save through API on Elasticsearch. Also developed an API with C# NET CORE, it processes asynchronous calls and save data on Elasticsearch, it has several methods like (Save, Update, Delete, Get and GetAll). This project has a frontend that works like google, you can search any word on whole Elasticsearch DB. Created a custom index in Elasticsearch, I save all text data like Text and created index, this helped me to look data on first level of documents and this technique is quickly to avoid collapse DB.

CERTIFICATION

- SCRUM FOUNDATIONS PROFESSIONAL by Certiprof 2021
- Mongo DB for .NET Developers by Mongo University 2019
- Mongo DB Aggregation by Mongo University 2019
- Mongo DB Performance by Mongo University 2019

EDUCATION

• Bachelors degree in Computer Science Engineering degree. from Alejandro de Humboldt (UAH) 2008 - 2011

LANGUAGES

• English - advanced

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