**Legal Name: Mario Alberto García Valencia**

**Irving, Texas**

**­­­­­­­­­­­­­­­­­­­­­­­­PROFESSIONAL SUMMARY:**

* **7+** Years of professional IT Experience in **design, development**, **testing** and **maintenance of Web based Client/Server solutions** using **Microsoft .NET.**
* Experience in **Agile (SCRUM)** methodologies and participated in all phases of Software Development Life Cycle.
* Proficiency in using **Object Oriented Programming (OOP’s)** concepts and Design patterns.
* Experience working on **ASP .NET** developing sites for intranet and internet and supporting existing **ASP .NET** projects, using **HTML,** **CSS, JavaScript,** **AJAX**
* Used **View State and sessions** and **ASP .NET** to preserve states between post-backs or page navigation on Web Apps
* Worked using **JavaScript and JQuery, CSS** to add styles and **Bootstrap** for responsive design
* Experience working on **ASP.NET MVC**, using bundles, razor views, CSS, partial views, validations on Models for field, layouts, routes, DataAnnotation
* In-depth experience working in **Regular Expressions.**
* Worked with technologies like **WPF and Silverlight** to develop apps following the architecture pattern **MVVM,** complementing them withtools like expression blend**.**
* Used **XAML** on **WPF**, using one-way and two-way binding.
* Good knowledge of how to use **WinForms** to build desktop applications
* Experience using Threads and tasks on **WinForms and WPF** for parallel processing.
* Used **WCF** to build service-oriented applications, connecting them to **Entity Framework.**
* Using **WcfTestClient** to test the services developed in **WCF**.
* Extensive experience in designing Web Applications **HTML, CSS, JavaScript, Ajax**
* Used **bootstrap** building Cross Browser Compatibility Web Pages in Responsive Design.
* Experience using **Azure** to host web apps, managed APIs using azure API management.
* Good knowledge of **Architectural** and **Design concepts**, **Object Oriented Programming (OOPS), Design Patterns.**
* Strong hands on **Web API and RESTful Services** using **JSON**
* Experience using on **Web Services,** to return http status and/or data to clients
* Worked using **Entity Framework** to add models from SQL databases and query data using **LINQ**.
* Hands on experience in building database objects like **Tables, Indexes, Views, Stored procedures, Functions,** **Cursors,** **Triggers, Imports, Exports, Back-ups, TSQL, and PL/SQL**.
* Experience in Reporting using SQL Server Reporting (SSRS).
* Experience implementing **CI** on **TFS,** including automatic tasks for buildings, testing, drop to folders and running PowerShell scripts.
* Excellent **communication** and **interpersonal** skills with the ability to work collaboratively in a team, **problem solving** skills, **positive** attitude and **very self-taught.**

**Technical Skills**

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| **Front End** | HTMLS, CSS, JavaScript, JQuery, Angular, Ajax, Bootstrap, Silverlight |
| **Back End** | C#, ASP .NET, ASP.NET MVC, Entity Framework, LINQ |
| **Languages** | ASP.Net, C#, C++, ASP and JavaScript, TypeScript and SQL |
| **Services** | WCF, WEB API |
| **Scripting** | XML, JSON, XSL, XSD, DTD, HTML, jQuery, CSS, Java Script. |
| **Continuous Integration** | TFS, Jenkins |
| **DBMS** | SQL Server, Oracle |
| **Management Tools** | TFS, Jira |
| **Cloud** | Azure |
| **Desktop** | WebForm, WPF, Windows Services |
| **Operating Systems** | Windows 2003 S/ 2008 S/ XP/ Vista/ 7/ 8/ 10 |
| **Other Technologies** | IIS, Biztalk Server, SSIS, SSRS |

**EDUCATION**: B.E in Computer Systems Engineering, Autonomous University of Guadalajara, México

**PROFESSIONAL EXPERIENCE:**

**NUTRIBISA, Guadalajara, Mexico**   **February 2019 – Aug 2019**

**Role: Angular Developer**

**Description:** Already a mobile application was under development, this new project had to start from scratch, it was to build a web site which could work as an administration system for the mobile application, to manage user access, user information, diets, recipes, exercises, shopping list, accessible from desktop or mobile devices.

**Responsibilities:**

* Developed from scratch an **Angular** application, which should be usable on web and mobile devices, testing with each device type.
* Used **HTML, CSS,** **Bootstrap** for styling the user interface, to achieve the design requested by the client.
* Used **Angular Material** components to improve the UI, by adding components with animations and custom styles, being sure it will work on web and mobile.
* Implemented logic to show a custom user interfaces to keep a good user experience, when been accessed from a phone or from a computer.
* Created a login page, with access credentials retrieved from firebase database
* Managed user access by using **Angular’s route guards,** to protect web pages since the web app shouldn’t be accessed without authentication.
* Worked with **asynchronous** programming by using observables, so different people could use the system at the same time without any issue.
* Implemented interpolation, property and event bindings to pass information between components and html templates.
* Built **angular services** when the complexity of information to be sent to different views required to use more than just URL parameters.
* Used **Dependency Injection** pattern when using services, since the services were being injected through the constructor.
* Implemented **toastr services** to show notifications to the user for success message, warning or notifications.
* Used **angular interfaces and classes** to improve the safety when developing by using strong typing.
* Injected **Angular Fire store** service to store and retrieve all the information from clients, diets, recipes, both text and images from a firebase database.
* Used **Generics** when calling the services in AngularFirestore, to use strong typing on the objects retrieved from the server.
* Implemented **HostListener** to restore scroll on complex interfaces, to improve the speed when capturing information.
* Weekly meeting with clients to gather requirements and show how the web app is making changes in real-time to the mobile app.
* **Debugged** the angular app to find issues by logging data into the developer console
* Used **breakpoints** in the code to watch values changing (browser > source window)
* Worked with **Reactive Forms** to handle dynamic interfaces.
* Used angular **pipes** to make the strings more readable on the user interface.
* Deployed app to firebase hosting on cloud using firebase CLI.
* Used **angular CLI** to generate the project, components, services, test and improve the code by using lint command and start the application.
* Used angular **lint** to adhere to standards and conventions when writing code on **TypeScript**.
* Worked with **GitHub** to store the code and track the versions of the angular application and documents.

**Environment:** **Visual Studio Code, GitHub, Angular, Angular Material, TypeScript, HTML, CSS Bootstrap, Firebase database, Firebase hosting.**

**Wolters Kluwer, New York, NY**   **Nov 2017 – February 2019**

**Role: Senior .Net Developer**

**Description:** CT Advantage is a project, in production, aimed to help people to get the documents required to keep their companies in Good Standing, by using a system based on a friendly Q&A, forms fully filled could be downloaded to be send to the state, so they could expand their business to different states.

**Responsibilities:**

* Support the **ASP .NET application**, by developing new functionalities or updated existing ones to generate forms on the UI to get the user inputs.
* Updated or added new methods on **ASP .NET** pages to be called by a **XSLT** files to fill fields on PDFs files.
* Implementing **ASP .NET** UI controls using **C#, HTML, CSS, XML** to gather input from the user to generate PDFs with the fields filled automatically by the system based on user inputs.
* Worked on **Angular** to change functionality on the components, to allow the search page to search by using different criteria.
* Implemented new **routes** on **Angular** to allow access to new forms to search information related to entities or users.
* Used **angular cli** to ensure the code quality and reduce bugs by run testing using karma and jasmine testing frameworks.
* Worked on **HTML, CSS** to create, update and style components to maintain a uniform user interface throughout the **angular** web app.
* Used **PL/SQL** to query data from Oracle, to find root causes of issues on production.
* Support to testers, by building queries to get the data required to run testing on Dev, QA and Staging environments
* Created scripts on **PL/SQL** to clean oracle tables which were holding old data on Dev, QA, and Staging environment.
* Performed Root cause analysis.
* Removed **ASP .NET** methods for authentication using **JSON Web Token** and business logic to validate inputs to implement them into Web APIs later.
* Worked using **C#, Web API, JSON Web Token** to build a new WEB API project with the functionalities of the system, this new Web API was made to be called from Azure, using Azure API Management
* Participated in **Scrum** methodology, including daily, retrospective, planning, grooming, meetings
* Implementing or updating **XSLT** files to generate the required PDFs from the system.
* Monitoring status of services on the server, since some issues could cause them to be stopped without any notification.
* Worked with co-workers to solve issues related to **IIS** configurations, since security changes affected the accessibility of some pages.
* Worked on IRT ticket when required, since they have the highest priority because production environment was being impacted.
* Used **Team Foundation Server** for source code repository, reporting and Project tracking.
* Created build definitions and release definitions on **VSTS** in order to enable continuous integration, on web API projects
* Responsible for **developing and** **deploying** specific modules to Dev and QA environments
* Participating in **deployment phase** to move code to the production branch and verify production environment works correctly with the new changes after the deployment.
* Used **Jira** to track and update the sprint tasks and update them with the grooming information like points, remaining time, and status: In Progress, Done, Testing.
* Used **Confluence** to document procedures when implementing new functionalities or to solve common issues.
* Used **SonarQube** to improve the code quality, by checking the code coverage metrics and creating and updating unit tests if required.
* Used **New Relic** in Production to log errors, track them and to fix them as soon as possible.
* Work remotely, for clients in USA, and providing the best value based on my experience and knowledge.

**Environment:** **Visual Studio 2017, Visual Studio 2013, Azure, Confluence, Jira, Oracle, IIS, Team Foundation Server, Visual Studio Team Services, SonarQube, New Relic, ASP .NET, C#, Angular, HTML, CSS and Scrum**

**J. J. Keller & Associates, Neenah, WI Dec 2015 – Oct 2017**

**Role: Senior .Net Developer**

**Description:** Encompassis a project aimed to track a with an electronic logging device the behavior of trucks like speed, moving time, hard brakes, etc, and by using a mobile device sync'd with the encompass app it was possible to add important information about the truck like any issue which could affect the next driver. Encompass Web is a portal where the manager could get information in real time about the trucks in the organization.

**Responsibilities:**

* Worked for **remote** clients in USA and coworkers in India.
* Using **Scrum** as the development methodology, including scrum meetings, grooming, decomposition, sprint planning and retrospective.
* Participated in Demo Meetings following the **scrum** methodology, sharing the screen and explaining the new changes implemented to the application and explaining how these changes would benefit the project.
* Implemented new functionality on many different projects, mainly using **C#** on **ASP .NET** platform.
* When working on **ASP .NET MVC,** had to update bundles to maintain a cleaner view when calling JavaScript or CSS libraries
* Used **ASP .NET MVC** partial views for re-usable views, validations on fields models for phone, emails.
* Used **ASP .NET MVC** Action Filters for authorization, exception and action filtering.
* Updated layouts on **ASP.NET MVC**, adding or modifying routes to navigate between screens, using models and DataAnnotation to validate fields.
* Worked using some design patterns like **Façade design patter**, to abstract implementations since many different projects were consuming the same services.
* Used **HTML, CSS** to design the user interfaces for the Web Pages.
* Used **Ajax** to call function asynchronous to update certain parts of the page to maintain a good user experience.
* Created and modified **Web APIs** to ensure the mobile application was working correctly when the services were consumed from an iPad, android or Web App.
* In Visual Studio, created scripts to be deployed on SQL server. The scripts contained table updates, store procedures and functions to retrieve, store, delete or update data on **SQL Server**.
* Analysis and implementation of code to prevent it from being vulnerable to **security** issues (XSS, injections)
* Used **Team Foundation Server** to store the code and keep track of the status of the tasks and PBIs.
* Created **C#** methods to retrieve information from an online platform to retrieve the data related to users which was being entered to that system.
* Used **ADO .NET** to call the stored procedures from a SQL database, to insert, read, update, delete, or run processes.
* Participated in **the development phase** for 3 sprints and then 1 sprint had to work on Kanban items for **support tasks.**
* When finishing the tasks on our sprint board, participated with different development teams to **help them to finish their tasks**.
* Responsible for completing, at least the amount of story points defined at the beginning of the sprint, the team was being measured by the number of story points we were completing and being compared with the velocity of another teams. For some sprints, I **reached the #1 in the ranking** of story point completion.
* Participated in different modules of the project, since the teams were specialized in working in a module for a while and then being rotate to **work in different modules** for some months.
* Responsible for ensuring the **quality of the written code**, since a lack of quality would result in a rejection of the code when the code review had finished.
* Created processes to trigger automatic builds on **Jenkins** for a couple of projects, to deploy them automatically to Dev, QA and Staging.
* Worked on **urgent tickets** to fix production issues
* Created or updated **unit tests** for every new business logic implemented, to ensure the Web App was still working properly.
* Worked on **SQL stored procedures** by modifying the logic in a way that the store procedure could finish the process faster.

**Environment:** **Visual Studio 2012, SQL Server, Team Foundation Server, Jenkins, IIS, ASP .NET, Web API, C#, HTML, CSS, JavaScript, AJAX, Scrum.**

**Hewlett Packard Enterprise, San José, CA**   **Apr 2014 - Nov 2015**

**Role: Senior .Net Developer**

**Description:** Some reports needed to be generated using the information on the Oracle DB and to be sent to the customers in Asia, Europe and America. Another project was an application responsible for exchanging messages between systems, using BizTalk and internal website developed using ASP.NET.

**Responsibilities:**

* Worked **remotely** with coworkers from Costa Rica, Puerto Rico, USA, Canada, India, England, China, etc.
* Support customers by providing them with reports generated from pl/sql on **SQL Navigator** related to hardware/software items, for different companies from different regions like Asia, America and Europe.
* Gather information from clients to understand what their requirements were so the excel reports made in **PL/SQL generated** were going to satisfy their needs
* **Scripts** created following the client requirements, to automatically generate reports, so any other developer could generate the same reports and send them to clients, in the basis defined.
* Knowledge-Transfer to the china team on night meetings, so they would be able to continue working on the project by sending the reports required to clients.
* Participating on **Scrum** methodology by retrospective, planning and grooming meetings and reporting status every day on the scrum daily meeting.
* Made **BizTalk Server** configurations, including send ports, receive locations, pipelines, orchestrations to ensure the proper integration between systems.
* Using Windows Log Viewer to find issues logged, by BizTalk Server, and then solve them by verifying configurations
* Used **C#** to modify custom pipelines which were using to process messages send and/or received, by BizTalk Server.
* By online meetings, support to testers to solve questions about the projects, even when the meeting had to be at night because some of the team-members were in China
* Updated deployment guides and verification **documents** to keep the information up to date to be used by development and deployment teams.

**Environment**: **Visual Studio, SQL Navigator, BizTalk Server, IIS, C#, PL/SQL, Scrum.**

**PEMEX, Tabasco, Mexico Aug 2013 – Mar 2014**

**Role: Senior .Net Developer**

**Description:** This was a project made for the Mexican state-owned petroleum company (PEMEX), this was a project started from scratch, the goal was to build a software which could be used on desktop and mobile devices, to track the production of oil and generate reports and charts with the information.

**Responsibilities:**

* Worked as a team member responsible for **designing**, **developing; and deploying** applications on the client facilities, since the server where **IIS** was installed, was not allowed to have internet connection.
* Designed and developed User Interfaces using **C# and ASP .NET** on Visual Studio 2010
* Used **HTML, CSS, JavaScript** to develop the application which had to be accessible from tablets, phones and computers.
* Application developed in **Silverlight** following the MVVM Pattern had to be migrated to **ASP .NET** to make it possible to run on iPads and iPhones.
* Updated modules to generate an excel file with the fields requested by the user on the **ASP .NET** platform.
* Generated and published reports with **SSRS**, to show charts and tables with the information defined.
* **Report Server** configured to permit access from the application and to be able to store reports.
* Participated in the design of the **database**-model to be able to handle the data defined by the analysis team.
* Developed **WCF** services to connect to the **SQL** database and return data to both web and mobile applications.
* Created **SQL Tables, Views, Queries, and Stored Procedures** to store, retrieve, update and create data.
* Responsible for implementing **TFS with continuous integration** to speed-up testing phases and to version code.
* Worked as technical leader to coordinate efforts of the development team to be able to complete the tasks in-time
* Worked on generic classes using **C#** to be used by the development team to improve the coding speed by standardizing the code to call the services.
* Support to development and testing teams to understand how **TFS** works and how testers could use continuous integration to run tests more often.

**Environment: Visual Studio 2010, SQL Server 2008, SSRS, IIS 6.0, Team Foundation Server, C# ASP.NET, Sliverlight, JavaScript and WCF.**

**PEMEX, Veracruz, Mexico Aug 2012 - Jul 2013**

**Role: .Net Developer**

**Description:** A project made for the Mexican state-owned petroleum company (PEMEX); this was aimed to build a system based on a data table but with many automated features which will speed-up the time to capture the tracking information of the oil produced on the week. A second project was a learning course, it started by showing some PEMEX facilities and by selecting one of them, a list of topics was going to be shown to study and learn technical information.

**Responsibilities:**

* Involved in **Analysis** phase**,** by participating in meetings face to face with clients to gather requirements for the Web App.
* Involved in **Development** phase, by participating as a developer by coding at least 75% of all application’s code.
* Involved in **Deployment** phase**,** by going to the client facilities to be able to implement the application on the local **IIS**.
* Responsible for integration and publishing the project to **IIS** on development environment.
* Extensively used and customized complex pages using **Silverlight** and **C#** to satisfy the design requirements.
* Some design features added by using **Expression Blend and Photoshop.**
* **WCF** used to create services to connect from the different systems, since some other projects were consuming the same data.
* **Entity Framework** used retrieve, update, delete and create data on **SQL** database.
* Use of **LINQ** to query data coming from Entity Framework and objects lists.
* Used **Tortoise SVN** to version source code and documents.
* Installed and configured **Team Foundation Server** to use it to version code, share code with the development team and store documents made by the analysis and testing teams.
* Knowledge-transfer to developers, testers and analysts to understand how to use **TFS** to store code or documents, and how to merge files when two people are working on the same project and file.
* Performed **Unit testing**, debugging and problem solving.
* Used **Telerik controls** to enhance the user interfaces
* Used **C# and WPF** to develop the interface of the learning course with pan and zoom features to show a map larger than the size of screen computers.
* Implemented **SQLite** on the WPF desktop application to store the information related to users, courses, learning progress, exam results.
* Validation implemented to manage **security** on both access and events on web pages for different roles in the system.
* Developed **Windows services** to get data from a service created by another company, on a recurring basis.
* Being a **Technical Reference** to all of the development team to solve questions about different topics like C#, T-SQL- TFS, JavaScript, JQuery, Silverlight.

**Environment**: **Visual Studio 2010, Expression Blend, Team Foundation Server, Tortoise SVN, C#, LINQ, WPF, Silverlight, Telerik Controls, WCF, SQL, SQLite, Windows services.**

**Secretary of Puebla, Tabasco, Mexico Jan 2012 - Jul 2012**

**Role: .Net Developer**

**Description:** Secretary of Puebla required a system to store and update information related to politicians and news.

**Responsibilities:**

* Developed **ASP .NET** pages using **C#, HTML, JavaScript, JQuery, CSS and AJAX** on the approved Design Document.
* Handling data depending on whether is a get or a Post-back to the server on **ASP .NET** platform to process the information sent by the user.
* Involved in Design, Development and testing of the application.
* Support to coworkers, on their projects, to find the best solution on both C# language and queries on SQL.
* Manually deploying the Web App to **IIS** by using a remote connection to **IIS** and testing it to verify it works correctly**.**
* Used **FusionCharts, a JavaScript framework** to implement charts to visualize data next to the tables.
* Used **Lightbox** to show popups with important information for the users.
* Performed Animations and User Input Validation using **JavaScript,** to get a more friendly design on the search features.
* Used **ADO .NET** to connect to SQL databases and to call stored procedures.
* When workingwith **ADO .NET** used parameterized SQL queries to avoid risk of SQL Injections when calling stored procedures from on ASP .NET pages.
* Created stored procedures, tables, to store and retrieve, update, delete and create data on **SQL** Server.
* Manually created database backups on **SQL Server** and restored when needed.
* Created **SQL cursors** to run complex processes on records
* Performed debugging and problem solving.
* Used **Telerik controls** to enhance the user interfaces.
* Created custom controls for DataTemplates of **Telerik** RadGridView, to satisfy all of the requirements.
* Used **TFS** to store the code
* Reports created using **SSRS,** some reports had to be created by-hand using XML directly, since SSRS didn’t have the functionality to build the required reports.

**Environment**: **Visual Studio 2010, IIS 6.0, SSRS, C#, ASP .Net, HTML, CSS, XML, JavaScript, JQuery and Telerik Controls, TFS.**