**JOSUE VARELA AGUILAR**

**Sr. FULL STACK .NET Developer**

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**Professional Summary**

* Overall **15+ years** of experience in requirements gathering, deployment of Web Applications and client server multi-tier applications using .Net technologies.
* Extensive expertise with **.NET Framework C# (2.0, 3.5, 4.5, 4.6, 4.6.2), Visual Basic .NET (2.0), Net Core, WCF, WPF Silverlight, Xamarin (V4.2.1), Forms Visual Basic 6.0, JavaScript, Angular (8.2.11), jQuery, CSS, Ajax, JSON, XML, DevExpress (19.1), Web Services, Struts, Spring, Microservices, Cristal Reports 10.0, SSIS, SQL Queues, Windows Server Queues, SQL Server(8.0, 10.50, 11.0, 13.0, 15.0), SQLite 3**
* Ample experience working in the following industries: **B2B (Business to Business), Banking, Insurance and Logistic, and Manufacturing Industry.**
* Involved in all the phases of **SDLC** from requirement analysis, designing, coding, **UAT**, documentation & implementation.
* Good knowledge on core .Net with strong understanding of **Collections**, **Exception handling, Garbage Collector**.
* Good at development in enterprise **web applications** using .NET MVC And NET Core.
* Experience in consuming and creating SOAP Services using ASP.NET.
* Extensive experience in developing **RESTful** web services, JSON as a data exchange format to integrate custom web applications and various enterprise systems and application modules.
* Proficient in **RDBMS** concepts, queries, **TSQL**, stored procedures, functions using **SQL Server.**
* Good at development in enterprise **web applications** using .NET and NET Core.
* Expertise in web development using **HTML, XHTML, CSS**, **Ajax**, **AngularJS**, **JavaScript.**
* Expertise with frameworks like Angular JS, **jQuery** in web presentation layer with **.NET MVC at** **the web controller layer.**
* Valuable experience in working with the **Document Object Model (DOM) and DOM functions.**
* Expertise in developing **web services** using WSDL, RESTFUL and SOAP.
* Expertise in using Object Oriented design, Design patterns, UML.
* Experienced in deploying **.NET and Net Core Applications on Windows Server, Azure Web Apps and Amazon EC2**
* Worked on design pattern like **DAO, DTO, Abstract Factory SDO, BO, Singleton, Interface, TO.**
* Experience in using text-­‐Editors like Visual Code, Sublime Text and Notepad++.
* Strong Experience in RDBMS using TSQL to write Stored Procedures, Functions, views.
* Scrum Master / Agile lead roles, coaching and spread the Agile SCRUM methodologies.
* Developed and maintained code for various applications using **PHP, Java and MySQL**.
* Experience with MVC Java frameworks like **Angular.JS, Node.JS**
* Experience in writing queries SQL SERVER and **MySQL.**
* Expertise in writing Unit test cases for system testing, Used **Log4Net** for logging.
* Expertise in Software Development Life Cycle (SDLC) like Analysis, Design, Development, Testing, Implementation, Enhancement, Production Support and Change Management of business applications, even used methodologies like **Agile, Waterfall development.**
* Carries out various other technical and non-­‐technical tasks related to full Stack software development.
* Worked with **SVN, GIT and GIT HUB for version control and Quality Center, Jira for bug tracking.**

**Technical Skills**

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| --- | --- |
| Frontend Technologies | **HTML5, JavaScript, jQuery, CSS, Bootstrap, Ajax, WPF, Typescript/Angular** |
| Backend Technologies | **.NET, ASP.NET, .NET Core, MVC, Rest, LinQ, Entity Framework, Webservices, WCF** |
| Continuous Integration | **CI/CD para Azure Web Apps** |
| Databases | **SQL SERVER, MySQL, SQLite** |
| Information | **JSON; XML,** |
| Other | **Project, Visio, Photoshop, Postman, Jira, Azure DevOps** |
| Versioning | **SVN, GitHub, TFS and VSTS, Bitbucket** |
| Documentation | **UML** |
| Methodology | **SCRUM** |
| O.S. | **Windows 10, Windows Server 03, 08 y 12:** |
| Cloud Azure | **Azure SQL Server, Azure Web Apps, Azure Storage** |
| Cloud AWS | **AWS RDS for SQL Server, AWS EC2 Web Services, AWS Simple Storage S3** |

**Education**

Zacatecas Institute of Technology Zacatecas City 1999-2004

Computer Systems Engineering

**Certifications and Training**

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| --- | --- |
| Languages | TSQL, C#, VB |
| Web Technologies | HTML, XML, CSS, Java Script, Angular JS, Angular, AJAX, JSP, jQuery |
| .NET Technologies | MVC, ASP.NET, C#, Windows Applications, Web Applications, Web Services, Windows Services, DLL Components. |
| Training | - Programming Course in Visual Basic .Net- Diploma in administration and programming of websites- 2124 Programming with C#- 2310 Develop with Microsoft ASP.NET- 2389 Programming with Microsoft ADO.NET- 2555 Developing Microsoft .NET Applications for windows with C#- 2557 Building COM+ Applications using Microsoft .NET Enterprise Services- 2524 Developing XML Web Services using Microsoft ASP.NET- 2073 Programming a Microsoft SQL Server 2000 Database- 5461A Visual Studio 2008: Windows Communication Foundation- CEH, Certified Ethical Hacker 6- Web Applications Development with Microsoft. NET Framework 4- AWS Developer: The Big Picture- AWS Developer: Designing and Developing |
| Courses | - Universidad Java: De Cero a Master +82 hrs (JDK 14 update)!- Angular 9 Basic and Advanced: MEAN, JWT, Modules, Animations- Complete React Developer in 2020 (w/ Redux, Hooks, GraphQL)- MERN Stack Front to Back: Full Stack React, Redux & Node.js- Node with React: Fullstack Web Development |

**Work Experience**

**Company: ASTRUM SATELITAL (PROEZA Group), Monterrey, Mexico May 2019 – to Date**

**Senior Full Stack .NET Developer**

**Description:** ASTRUM SATELITAL Is a company that carries out Technological Solutions for operational efficiency and security for different industries that involve Oil and gas, Electric power, Maritime and Logistics.

My participation was to develop the maritime monitoring system (SIMEP), in addition to the Sensor Monitoring System for Fruit Orchards and Administration of the work team.

**Responsibilities:**

* Design along with the UI/UX team the front end of the application
* Working with stored procedures, triggers, indexes, Table spaces and a wide variety of DB Objects using RDS for SQL Server
* Experience in Implementing **DB architectures and DBA role.**
* Implement middleware solution by integrating application using **Client-­‐server** architecture.
* Used **Bootstrap** and **jQuery** for the frontend maintenance and new function implementation.
* Designed and developed **Web Services** to provide services using **RESTful**.
* Resources were exchanged using **RESTful** web services with the data passed around in **JSON** format.
* Used **Agile** software development with **Scrum methodology.**
* Involved in all phases of **Software Development Life Cycle (SDLC)** for new prototypes architectures.
* Implemented Prototyped architectures for **AWS** **microservices.**
* Implementation of reports and visualized in **google maps API**
* Development of the message sending center
* Analysis, development and implementation of updates to functional systems

**Environment**: .NET Framework C# 4.6, 4.6.2 , Net Core, JavaScript, Angular (8.2.11), jQuery, Bootstrap, CSS 3, Ajax, JSON, XML, DevExpress (19.1), Web Services, Microservices, SQL Server 15.0, Amazon RDS for SQL Server, Amazon EC2 - Amazon Web Services, Amazon Simple Storage S3, AWS Lambda, API Services, Jira Software, Bitbucket

**Client: OXXO FEMSA – XMONITOR Feb 18 – May 19**

**Company: SOFTNET IT CONSULTING**

**FULL STACK .NET Developer**

**Description:** OXXO is a Mexican chain of convenience stores, with more than 18,000 stores. The project I worked for standardized all the applications and configurations of the operating systems and applications of the more than 40,000 POS.

My participation in this project was as a software architect modeling Database and functional components of the project, for this project I developed the administrative module in addition to the individual component, in addition to creating Unit Tests for the services and support for the development of other components

**Responsibilities:**

* Design along with the UI/UX team the front end of the application
* Define architecture of the application for the “XPosMonitor Administrator Module”
* Define architecture for individual component for POS
* Modeling and tuning Database in SQL Server
* Working with stored procedures, triggers, indexes, Tablespaces and a wide variety of DB Objects
* Experience in Implementing **DB architectures and DBA role**
* Implement middleware solution by integrating application using **Client-­‐server** architecture.
* Worked on **SQL Server and Azure SQL Server** as the backend database.
* Used **Bootstrap** and **jQuery** for the frontend maintenance and new function implementation
* Designed and developed **Web Services** to provide services to the various clients using **RESTful**
* Resources were exchanged using **RESTful** web services with the data passed around in **JSON** format
* Used **Agile** software development with **Scrum methodology**
* Involved in all phases of **Software Development Life Cycle (SDLC)** for new prototypes architectures
* Implemented Prototyped architectures for **microservices**
* Using Hybrid implementations using physical windows servers and Azure Services

**Environment**: ASP .NET Framework C# 4.6, JavaScript, jQuery, Bootstrap, CSS 3, Ajax, JSON, XML, Web Services, Microservices, SQL Server 15.0, Azure SQL Server, Azure Web Apps, Azure Storage, API Services, TFS and VSTS

**Client: AZZULE SYSTEMS – SUPPLYCHAIN Santa Maria, CA Oct 17 – Feb 18**

**Company: SAHURO CONSULTING**

**FULL STACK .NET Developer**

**Description:** Azzule Systems, a leading provider of global data management solutions for companies in the fresh produce industry, offers secure, efficient and cost-effective storage, distribution and analysis of the data needed to support any supply chain. Together with the food safety experts at PrimusLabs.

My participation in this company was to enter new clients and make adaptations to share information among clients, I was also assigned the development of optimization of the PremiumSCP site, and Management of the work team and assignment of activities by member.

**Responsibilities:**

* Design along with the UI/UX team the front end of the application
* Working with stored procedures, triggers, indexes, Tablespaces and a wide variety of DB Objects
* Experience in Implementing **DB architectures and DBA role**
* Implement middleware solution by integrating application using **Client-­‐server** architecture.
* Worked on **SQL Server** as the backend database.
* Used **Bootstrap** and **jQuery** for the frontend maintenance and new function implementation.
* Use **VUE** for some modules in the PremiumSCP Site
* Proven ability in developing stored procedures TSQL writing step definitions for behavior and flow control.
* Designed and developed **Web Services** to provide services to the various clients using **RESTful**.
* Resources were exchanged using **RESTful** web services with the data passed around in **JSON** format.
* Used **Agile** software development with **Scrum methodology**
* Involved in all phases of **Software Development Life Cycle (SDLC)** for new prototypes architectures.
* Using Microsoft Best Practices for site optimization

**Environment**: .NET Framework C# 3.5, 4.5, 4.6.2, Net Core 2, JavaScript, VUE 2.6, jQuery, Bootstrap, CSS 3, Ajax, JSON, XML, Web Services, Microservices, SQL Server 11.0, Jira Software, SVN

**Client: 7-ELEVEN - EMPLOYEE SAVINGS Dec 16 – Oct 17**

**Company: SAHURO CONSULTING**

**FULL STACK .NET Developer / Architect**

**Description:** 7-Eleven México is a chain of convenience stores. It currently has more than 1,800 stores.

My participation in this company is made the Architecture of the New Savings Bank System, Support of the 3rd level of the current Savings Bank System and Correction of Critical Bug Fixes for Current System.

**Responsibilities**

* Define the architecture of the application for the “New Savings Bank System”
* Working with stored procedures, triggers, indexes, Tablespaces and a wide variety of DB Objects
* Experience in Implementing **DB architectures and DBA role**
* Worked on **SQL SERVER** as the backend database.
* Used **Agile** software development with **Scrum methodology**
* Involved in all phases of **Software Development Life Cycle (SDLC)** for new prototypes architectures.
* Implemented Prototyped architectures for **microservices with Kubernetes /Docker**

**Environment**: ASP.NET, SQL Server, Subversion, jQuery, Bootstrap, WCF, Integration Services, Documentation Tools, Enterprise Architect, Project

**Client: SIGMA ALIMENTOS - MOBILE SELLING SYSTEM Mar 16 – Dec 16**

**Company: SAHURO CONSULTING**

**FULL STACK .NET Developer**

**Description: SIGMA ALIMENTOS** is a global company dedicated to the sale and distribution of processed foods. With a presence in 18 countries, we offer quality products in various categories.

My participation in this company was as part of the Mobile Sales System Project team, carrying out the Orders and Impressions module, as well as the Reports module.

**Responsibilities:**

* Design along with the UI/UX team the front end of the application
* Working with stored procedures, triggers, indexes, Tablespaces and a wide variety of DB Objects
* Experience in Implementing **DB architectures and DBA role**
* Worked on **SQL Server** as the backend database.
* Designed and developed **Web Services** to provide services to the various clients using **RESTful**.
* Resources were exchanged using **RESTful** web services with the data passed around in **JSON** format.
* Connectivity service with SAP for sending and receiving Orders
* Used **Agile** software development with **Scrum methodology**
* Development of components for the integration of the portable printer using sockets and token’s
* Application development using **AXML** for Xamarin Android

**Environment**: Visual Studio 2015, Xamarin Android, SQL Lite 2, Team Foundation, WCF, SQL Server 11

**Client: ACE GROUP - ENDORSEMENT SYSTEM Jun 15 – Mar 16**

**Company: SAHURO CONSULTING**

**FULL STACK .NET Developer**

**Description:** ACE GROUP, now CHUBB is an insurance company.

My participation in the company consisted of Distribution of Activities, Front End Manager, Analysis and design of Ticket solution, and Management of the work team and assignment of activities by member

**Responsibilities:**

* Design along with the UI/UX team the front end of the application
* Working with stored procedures, triggers, indexes, Tablespaces and a wide variety of DB Objects
* Worked on SQL Server as the backend database.
* Used **Bootstrap** for the frontend maintenance and new function implementation.
* Used ASP.NET MVC 4 for development insurance system updates.
* Developed Updates on **Web Services** to provide services to the various clients using **RESTful**.
* Resources were exchanged using **RESTful** web services with the data passed around in **XML** format.
* Generate documentation and detailed description of the activities for the members of the development team

**Environment**: ASP .NET Framework C# 3.5, JavaScript, jQuery, Bootstrap, CSS 3, Ajax, JSON, XML, Web Services, SQL Server 11.0, Visual Source Safe

**Client: FRISA - MOBILIZATION SYSTEM - LOADERS SYSTEM Jan 14 – Jun 15**

**Company: SAHURO CONSULTING**

**FULL STACK .NET Developer / Architect**

**Description:** FRISA is a company of industrial forgings for oil, aviation and other industries

My participation consists in the development of 3 systems, Part Mobilization System, Loader System and Automatic Document Delivery System (Automation) using the Windows Forms distributed application.

**Responsibilities:**

* Design along with the UI/UX team the front end of the application
* Develop front end modules using **DevExpress** components.
* Design and Develop mobile application using **Windows CE** and **NetCompactFramework 3.5**
* Working with stored procedures, triggers, indexes, Tablespaces and a wide variety of DB Objects
* Experience in Implementing **DB architectures and DBA role**
* Worked on **SQL SERVER** as the backend database.
* Creating Reports using Kristal Reports 10.
* Creating **SSIS** process for customer’s report information.
* Designed and developed **Web Services** to provide services to the various clients using **RESTful**.
* Used **Agile** software development with **Scrum methodology.**
* Involved in all phases of **Software Development Life Cycle (SDLC)** for new prototypes architectures.

**Environment**: .NET Framework C# 3.5, WCF, Forms Visual Basic 6.0, JavaScript, jQuery, CSS, Ajax, JSON, XML, DevExpress, Web Services, Cristal Reports 10.0, SSIS, SQL Server(8.0), Windows Forms.NET, Team Foundation, Windows Mobile 6.5, Windows Mobile Center 2008, NetCompactFramework 3.5

**Company: TRANSNETWORK CORP Houston TX Feb 09 – Jan 14**

**FULL STACK .NET Developer / Architect**

**Description:** Transnetwork Corporation operates a B2B electronic domestic and cross-border processing and payment platform.

My participation in this company involves the architecture, development and implementation of the following projects Windows communication interface, Point of payment, Transmitter web service, Payer web service, TPS (transaction process system), Compliance system management, Compliance SSIS

**Responsibilities:**

* Design along with the UI/UX team the front end of the application
* Define the architecture of the applications
* Working with stored procedures, triggers, indexes, Tablespaces and a wide variety of DB Objects
* Experience in Implementing **DB architectures and DBA role**
* Support developing by creating and maintaining REST simulator on services.
* Used **JavaScript, Bootstrap and jQuery** for the front-end maintenance and new function implementation.
* Designed and developed **Web Services** to provide services to the various clients using **RESTful**.
* Resources were exchanged using **RESTful** web services with the data passed around in **JSON** format.
* Used **Agile** software development with **Scrum methodology.**
* Involved in all phases of **Software Development Life Cycle (SDLC)** for new prototypes architectures.
* Development of integration tests with clients such as banks or commercial chains.
* Responsible for maintaining releases and versioning of code.
* Responsible for maintenance of test and production environments.
* Installation, configuration and performance of Servers 2008 R2 with SQL Server

**Environment**: Windows Forms .NET, ASP.NET Framework 3.5, TeamFundation, SQL Server 11, jQuery, Bootstrap, SSIS, Webservices, WCF, Silverlight, WindowsServices.NET, SQL Queues, Windows Server Queues, VMware, Windows 2008 Server R2

**Client: FEMSA – INVESTMENT SYSTEM Jan 08 – Feb 09**

**Company: INDRA Company**

**FULL STACK .NET Developer / Architect**

**Description:** FEMSA is a Mexican multinational company that participates in the beverage industry, and in the commercial and restaurant sectors.

My participation in this company involves 3 projects: Analysis and Design for Currency Investment Module System FEMSA Corporation, Development of reports and some SQL processes of the SIESRH System, Collaboration in FEMSA Corporation Power of Attorney System.

**Responsibilities:**

* Define the architecture of the applications.
* Design along with the UI/UX team the front end of the application
* Working with stored procedures, triggers, indexes, Tablespaces and a wide variety of DB Objects
* Experience in Installation, configuration and performance of Servers 2008 R2 with SQL Server 2005
* Used **JavaScript, Bootstrap and jQuery** for the front-end maintenance and new function implementation.
* Designed and developed **Web Services** to provide services to the various clients using **RESTful**.
* Resources were exchanged using **RESTful** web services with the data passed around in **JSON** format.
* Used **Agile** software development with **Scrum methodology.**
* Involved in all phases of **Software Development Life Cycle (SDLC)** for new prototypes architectures.
* Experience in Implementing DB architectures and DBA role
* Installation, configuration and performance of Servers 2008 R2 with SQL Server
* Worked on SQL Server as the backend database.

**Environment**: C# .Net, Visual Studio 2005, SQL Server 2005, Windows Server 2008, Visual SourceSafe, Enterprise Architect, AJAX 1.0, Crystal Reports 10, JavaScript

**Company: Electoral Institute of the State of Zacatecas Nov 06 – Jan 08**

**FULL STACK .NET Developer**

**Description:** My participation in this institute involve Development Office Furniture System, Servers Maintenance, Web Page Maintenance, and Staff training.

**Responsibilities:**

* Design along with the UI/UX team the front end of the application
* Working with stored procedures, triggers, indexes, Tablespaces and a wide variety of DB Objects
* Experience in Implementing **DB architectures and DBA role**
* Used **JavaScript** for the front-end maintenance and new function implementation.
* Develop Applications using ASP.Net 2.0 with VB
* Staff training in existing applications
* Windows Application and Database Servers Maintenance
* Experience in Installation, configuration and performance of Servers 2003 with SQL Server 2005
* Installation of equipment in remote areas.

**Environment**: Windows 2003 Server, VB.Net Framework 2.0, ASP.Net Framework 2.0, SQL Server 2005, JavaScript, AJAX

**Company: State Committee for the Promotion and Protection of Livestock Jan 05 – Nov 06**

**FULL STACK .NET Developer**

**Description:** My participation in this Committee involves creating and maintain the next systems: **Tuberculosis system, Brucellosis system, Mobilization system, Livestock marks system** and physical maintenance of the computer infrastructure

**Responsibilities:**

* Design along with the UI/UX team the front end of the application
* **Define the architecture** of the applications
* Working Tablespaces and a wide variety of DB Objects
* Experience in Implementing **DB architectures and DBA role**
* Experience in Installation, configuration and performance of Servers 2003 with SQL Server 2000
* Involved in all phases of **Software Development Life Cycle (SDLC)** for new prototypes architectures.
* Corrective preventive maintenance of computer equipment, servers, voice and data network.
* Installation of equipment in remote areas.

**Environment**: Visual Basic 6, Asp.Net 2.0, SQL Server 2000, Access 2000, Win 2003 server