**MANELIK DE JESUS**

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**Sr. Azure .Net Developer/Lead**

## Professional summary:

* Over 17 years of experience in development systems with several **Programing Languages, Web Technologies, Scripting Languages, Database Engines, Frameworks, Web Servers, Cloud Services**.
* Extensive experience in the management of teams to development IT projects applying best practices and innovation.
* Participation in international projects in conjunction with National and International Companies.
* Good exposure in System Analysis, System Architecture, Data Modeling, Design Patterns and Standards.
* Extensive experience on developing applications using Microsoft Technologies like as **.Net standard 2.1/2.2, .Net Framework 2.0/3.0/3.5/4.0/4.5/4.6/4.7, .Net Core 2.1/2.2/3.0/3.1, Entity Framework 6, LINQ, C#, ASP. Net, MVC Framework, MicroServices, Web-Services, Windows Forms, Console Windows.**
* Hands on experience with web services architecture like as Windows Communications Foundation (**WCF**), **Restful Web services** (**Web API**), **Micro Services** and Google Remote Procedure Call (**gRPC**) for building service-oriented applications.
* Experience in Developing and implementing **Web Applications** using **MVC razor, Blazor** in yours two flavors **Assembly and Server** using **Entity Framework 6**.
* Knowledge to build Graphical User Interface (GUI) Design using technologies like as **HTML5, CSS3, SaaS JavaScript, Type Script, VueJS**, **Bootstrap** to create responsive web pages, developed Layouts.
* Good knowledge and approach for using methodologies to develop software like as **ISO 9001-2000, ITIL, CMMI-DEV Level 3, Kanban and SCRUM.**
* Experienced in the development of dynamic, interoperable and scalable systems to integrate server and client technologies like as **Web API, XML, AJAX, JSON, Web Services and Web Methods over REST, SOAP HTTP and gRPC HTTP2 protocols**.
* Knowledge and using of Tools to developing scalable and perform ants systems using **Microsoft Azure DevOps, Visual Studio.Net 2008/2010/2012/2015/2019, Visual Code, PyCharm, Docker, Kubernetes, Prometeus, Serilog, Grafana, Redis, ElasticSearch (ELK),JMeter, SonarQube, Postman, SOAP UI, Newman, Swagger.**
* Good command over commercial Relational DBMS such as **SQL Server 2000/2005/ 2008/2012/2016/2019, Oracle 10g/11g, MySQL, PostgreSQL and SQLite**
* Strong abilities in Database Design, Views, Stored Procedures, Triggers, Cursors and Functions using **Transact-SQL(SQL) and PL/SQL (Oracle)**
* Good Knowledge and Understanding of several design patterns for developing software like as **CQRS, MVC, Abstract Factory, Factory Method, Builder, Singleton,** Architectures patterns like as **Clean Architecture** and **Onion Architecture** and **SOLID** standard.
* I am a proactive person with leadership, creative with excellent communication, committed; adjust to any change, and good capacity of analysis.

## Technical Skills:

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| **Programming Languages** | C#, ASP.Net, LINQ, Java, Android, Python, PHP |
| **Web Technologies** | ASP.Net, HTML, HTML5, CSS, Sass for HTML, Razor, Blazor Assembly, Blazor Server |
| **Scripting Languages** | JavaScript, TypeScript, JQuery, JQuery Mobile, VueJS, AngularJS |
| **Microsoft Technologies** | .Net standard 2.1/2.2, .Net Framework 2.0/3.0/3.5/4.0/4.5/4.6/4.7, .Net Core 2.1/2.2/3.0/3.1, Entity Framework 6, WFC, Web-Services, MicroServices, Enterprise Library, MVC Framework |
| **Database Engines** | SQL Server 2000, 2005, 2008, 2012, 2016, 2019, Oracle 10g/11g, MySQL, PostgreSQL, SQLite |
| **Database Languages** | Transact-SQL,PL/SQL |
| **Frameworks** | OpenID Connect, Entity Server, Django |
| **Web Servers** | IIS (Internet Information Server), NGINX, Apache, Apache TomCat, GlashFish |
| **Protocols and Data-interchange** | Web API, XML, AJAX, JSON, Web Services and Web Methods over REST, SOAP and gRPC |
| **Development Tools/Environment** | Microsoft Azure DevOps, Visual Studio.Net 2008/2010/2012/2015/2019, Visual Code, PyCharm, Docker, Kubernetes, Prometeus, Serilog, Grafana, Redis, ElasticSearch (ELK),JMeter, SonarQube, Postman, SOAP UI, Newman, Swagger |
| **Cloud Technologies** | GCP (Google Cloud Platform), Microsoft Azure, Digital Ocean Developer Cloud |
| **Operating Systems** | Windows 10/8/7, Linux Ubuntu |
| **Version Control Tools** | Git, GitHub, BitBucket, TFS, SVN, SourceTree. |
| **Methodologies** | ISO 9001-2000, ITIL, CMMI-DEV Level 3, Kanban and SCRUM.  |
| **Standards, Patterns and Architectures** | Standards: SOLID Patterns: CQRS, MVC, Abstract Factory, Factory Method, Builder, Singleton.Architectures: Clean, Onion |

**Courses:**

“Introduction to CMMI from Development” (2017) from **CMMI Institute, “**6215ª Implementing and Administering Microsoft Visual Studio 2008 Team Foundation Server” (2014) from **ASTER, “**Development of Mobile Applications with Android” (2013) from **ASTER**, “Leadership Management, Coaching and Decision Making” (2013) from **WITINEA CONSULTORES**, “SAP - Application of Advanced Programing of business (ABAP)” (2012) from **BXTI**, “SAP – Process Integration (PI)” (2012) from **BXTI**, “Oracle Backup/Restore con RMAN 11g” (2011) from **SCAT**, “Oracle 11g Administration.” (2011) from **SCAT, “**Oracle RAC 11g**”** (2011) from SCAT, “Programmer for USSD Platform.” (2011) from **MYRIAD Mobile Software**, “Coaching” (2011) from **CANACO SERVYTUR**, “Tools for Analysis and Problem Solving” (2007) **Merida Government, “**Introduction to Quality Management Systems ISO 9001 - 2000” (2006) from **Merida Government, “**Programming in Progress 9.1 c,d,e 4GL**”** (2007) from **ITERUM**, “Integration of Internet payments with Pay work” (2005) from **BANORTE**, “Digital Signatures and Data Encryption” (2005) from **Merida Government**.

Certifications**:**

Certification CMMI-DEV Level 3 (2015) from **INNEVO.**

Education**:**

Master’s degree, Anahuac Mayab University, 2017

Bachelor’s degree, Institute Technology of Mérida, 2004

## Professional Experience:

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| **AN Global/Microsoft, Dallas,TX**  | **February, 2020 – Till Date** |
| **Role: Senior Azure .Net Developer/Lead** |
| **Project Description:**  |
| Assigned like as Developer Senior Azure consultant for collaborate on the develop of project based on one solution divided into one **Web Application**, **Web API** and another **Mobile Application** built in **Xamarin** and using basically **Microsoft Technologies** like as **Azure DevOps** for full control administration project, **.Net Core 3.1** with **Entity Framework**. |
| **Responsibilities:** |
| * **Analyzes and design of the requirements of course the needs of the client.**
* Setting up Infrastructure installing required software and Tools like as **Blazor Assembly and Blazor Server Templates, Net Core 3.1, Visual Studio 2019, MSSQL Server 2019, Microsoft SQL Server Management Studio 18.**
* **Setting up Database schema and seeding data running sql scripts on SQL Server 2019 for we have the previous catalogues and main tables to build the solutions.**
* **Build the templates for the Web Application, Web API and Mobile Application based on pattern Clean Architecture for the structure and design pattern CQRS using MediatR for communicating the controller layer with the shared library layer.**
* **Develops software applications using C# programing language, Web API REST, Web Services, MSSQL, Json, JavaScript, Blazor Server, Mediator, Fluent Validation, SignalR**.
* **Implementing logging in the application, monitoring and tracing tools Microsoft Azure Cloud Services console for ensures code its scalable and optimized.**
* **Develop applications, producing code that is functionally correct, according to specification, using established development of the application, documentation, standards, technologies and agile methodology like as Scrum.**
* Designed and developed component, application and enterprise services.
* **Actively involved in analyzing and discussions of the business requirements for translating that into develop of the application.**
* **Optimize performance; keep up to date with latest relevant technologies.**
* **Making Unit Testing using xUnit for try found bugs before save ours changes.**
* **Build the pipelines for CI/CD on Microsoft Azure DevOps.**
* **Perform deploy for the changes of the application troughs on Microsoft Azure DevOps Pipelines applying CI/CD.**
* **Performing tracking form the solution thought of Logging, Tracing and monitoring application into for keep application performance.**
* **Participate in the daily meeting with the team developer for review progress and another topics or stoppers that it can affect the labor progress.**
* **Keeping update the Work Items for the Board on Microsoft Azure DevOps.**
* Used **Git** for Source Code Control, project related document sharing and team collaboration.
* Integrated modules, **debugged**, **tested**, **build** and **deployed** on the different servers.
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| **Environment:** |
| * **Framework**: .Net standard, .Net Core, Entity Framework, OpenID Connect, EntityServer.
* **Technologies**: C#, Web API REST, Web Services, MSSQL, Json, JavaScript, Blazor Server, Mediator, Fluent Validation, SignalR, xUnit for Testing.
* **Tools**: Microsoft Azure Cloud Services, Microsoft Azure DevOps, Git, SourceTree, Swagger.
* **Methodology**: Scrum
* **Standards, Patterns and Architectures**: SOLID, CQRS, MVC, Clean Architecture, CI/CD.
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| **Best Day Travel Group, Cancun QRoo. ,Mexico** | **February, 2019 – February, 2020** |
| **Role: Senior .Net Software Developer/Lead (Full Stack)** |
| **Project Description:**  |
| Assigned like Senior consultant and developer for collaborate in the projects and applications in Best Day Travel Group for improved in the existence apps and contribute in the creation of new apps trough of **Kanban methodology**, applying innovation with Frameworks and several tools. |
| **Responsibilities:** |
| * **Like a consultant I must work with a team with several roles for each one and report at the Technical Leader for all concern project.**
* **Full fill in the duties assigned through of Kanban board working on User Stories.**
* Setting up Infrastructure installing required software and Tools like as **Net Core 3.1, Visual Studio 2019, MSSQL Server 2019 and Microsoft SQL Server Management Studio 18.**
* **Develops software applications using C#, Web API, Web Services, MSSQL, MySQL, SQLite, XML, Json, JavaScript, Angular, MVC**.
* **Ensures code is scalable and optimized using the best practices and standards used for the client and supported with the teach lead.**
* **Analyzes the needs of the user/business providing technical support for the Information Systems department, such as coding, designing, implementing and debugging programs.**
* **Develop applications, producing code that is functionally correct, according to specification, using established development and documentation standards, technologies and methodologies.**
* **Fix bugs founds for QA Testing.**
* **Optimize performance; keep up to date with latest relevant technologies.**
* **Making Unit Testing using xUnit for try found bugs before save ours changes.**
* **Build the pipelines for CI/CD on Microsoft Azure DevOps.**
* **Perform deploy for the changes of the application troughs on Microsoft Azure DevOps Pipelines applying CI/CD.**
* **Performing tracking form the solution thought of Logging, Tracing and monitoring application into for keep application performance.**
* **Participate in the daily meeting with the team developer for review progress and another topics or stoppers that it can affect the labor progress.**
* **Keeping update the Work Items for the Kanban Board on Microsoft Azure DevOps.**
* Used **Git** for Source Code Control, project related document sharing and team collaboration.
* **Performed troubleshooting, diagnostics, and research evaluations for give support and tracking to client.**
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| **Environment:** |
| * **Framework**: .Net standard, .Net Framework, .Net Core, Entity Framework, OpenID Connect, EntityServer.
* **Technologies**: C#, Web API, Web Services, MSSQL, MySQL, SQLite, XML, Json, JavaScript, Angular, MVC.
* **Tools**: Microsoft Azure DevOps, Docker, Kubernetes, Git, SourceTree, Prometeus, Serilog, Grafana, Redis, ElasticSearch (ELK), TFS, Apache JMeter, SonarQube, Postman, Newman, Swagger.
* **Methodology**: Kanban
* **Standards, Patterns and Architectures**: SOLID, CQRS, Clean Architecture, CI/CD.
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| **Mutibisne Technologies, Merida, Yucatan.**  | **June, 2009 – February, 2019** |
| **Role: Chief Of Systems Development** |
| **Project Description:**  |
| Business where in the present I'm working doing tasks of chief of systems development with wide knowledge technical in **Software Architecture**, wide experience in **programming**, **leadership** and **project management**. In additionally I have worked with a team of software engineers taking them a one notable growing in your professional development, leadership them, driving them |
| **Responsibilities:** |
| * **Like a head team I must define the methodologies, standards and policies about of the development of software.**
* **Establish the patterns architecture for the develop of software using MVC structuring in layers our application.**
* Used N-tier architecture for presentation layer, Business and Data Access Layers using **C#**.
* **Automatizing all process of the several departments from the corporative build Web Applications, Windows Forms, Console Applications, WebServices with WFC.**
* **Involved in all projects from the initiation, analyzing, recording requirements, design, development, implementation, testing, and maintenance of the project.**
* Involved in enhancing the business layer to provide more interfaces and functions needed for the system.
* **Actively involved in analyzing and discussions of the business requirements for translating that into develop of the application.**
* **Analysis and design of the requirements of clients’ needs.**
* **Ensures code is scalable and optimized using the best practices and standards used for the client.**
* **Analyzes the needs of the user/business providing technical support for the Information Systems department, such as coding, designing, implementing and debugging programs.**
* **Develop applications, producing code that is functionally correct, according to specification, using established development and documentation standards, technologies and methodologies.**
* **Lead the developing of main core business application using e-commerce for management electronical purses and process transaction keep the performance, and high availability of the application.**
* **Perform and design architecture connections for third party Web Services for make request to several providers of course at the operation like as top up, transferences point to point of money.**
* **Certificating the channels for third party connections for we can use it channel like as example connections with Telcel, Movistar, Iusacell, At&t, PROSA, and another vendors of services.**
* **Supervise the staff in charge making weekly meetings for review the progress for each member of the team.**
* **Ensures code is scalable and optimized using the best practices and standards defined by myself applying ITIL and CMMI methodologies.**
* **Implement ITIL for build Service Desk in three service levels for give fast support our clients and partners.**
* **Lead all projects related with the develop of the applications for internal and external clients using for that tools like C#, Web Services, Oracle 11g, MSSQL, SOAP XML, Json, JavaScript, ASP .Net Web Forms, jQuery. Windows Forms, Console Applications, Windows Services** (scheduling tasks).
* **Optimize performance, keep up to date with latest relevant technologies.**
* Implementing the use of **Git** for Source Code Control, project related document sharing and team collaboration.
* **Analysis and monitoring of area indicators for give feedback at the managers and directors for the road map progress.**
* **Active participation in the definition, review and update for the road map of the development department activities.**
* **Perform activity assignment to each one of the team member.**
* **Performing tracking form the solution thought of Logging, Tracing and monitoring application into for keep application performance.**
* **Performed troubleshooting, diagnostics, and research evaluations for give support and tracking to our client.**
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| **Environment:** |
| * **Framework**: .Net Framework 4.4/4.5/4.7
* **Technologies**: C#, Web Services, Oracle 11g, MSSQL, SOAP XML, Json, JavaScript, ASP .Net Web Forms, jQuery. Windows Forms, Console Applications, Windows Services (scheduling tasks).
* **Tools**: IIS (Internet Information Server), Apache Tomcat, Glass Fish, Windows Communications Foundation.
* **Methodology**: ITIL, CMMI Dev
* **Standards, Patterns and Architectures**: MVC.
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| **Merida Government, Merida, Yucatan.**  | **August, 2005 – June, 2009** |
| **Role: Software Engineer** |
| **Project Description:**  |
| Carry out activities to raise the specification of requirements and analysis of the processes of the Merida Government, in order to propose improvements to existing systems and / or development of new software. Program the information systems of the Merida Government based on the specifications of user requirements, guaranteeing in terms of timeliness and quality, its correct functioning. |
| **Responsibilities:** |
| * **Involved in all projects from the initiation, analyzing, recording requirements, design, development, implementation, testing, and maintenance of the project.**
* Involved in enhancing the business layer to provide more interfaces and functions needed for the system.
* **Actively involved in analyzing and discussions of the business requirements for translating that into develop of the application.**
* **Analysis and design of the requirements of clients’ needs.**
* Developed rich user interfaces using **PHP, Progress 4GL, JavaScript, Mootools, JQuery. Web Speed By Progress 4GL, Progress 4GL, ODBC Connections, MySQL, Crystal Reports 9** based in themes based on requirements and standard of course government policy guidelines.
* Coding and debugging using **Progress 4GL, Web Speed By Progress 4GL** and **PHP**.
* Creating reports using the Crystal Report for the report needed Back Office users of the internal applications.
* Used **Visual Source Safe** for Source Code Control, project related document sharing and team collaboration.
* Make deploys publish the application on **IIS** and **Apache Server**.
* Used **ODBC connections** such as connector and Data adapter, data Reader and Dataset for connect with **Progress Database 4GL**.
* **Performed troubleshooting, diagnostics, and research evaluations for give support and tracking to our client.**
* **Participating actively in the weekly meetings for review the labor progress and any stopper that don´t allow the progress of the project.**
* **Fill the artefacts for report the labor progress.**
* **Keep the documentations of the projects updated using the artefacts provided by the methodology ISO 9001-2000.**
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| **Environment:** |
| * **Technologies**: PHP, Progress 4GL, JavaScript, Mootools, JQuery. Web Speed By Progress 4GL, Progress 4GL, ODBC Connections, MySQL, Crystal Reports 9.
* **Tools**: IIS (Internet Information Server), Apache, Visual Source Safe.
* **Methodology**: ISO 9001-2000
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