**Ignatius Kala Mary Nesian**

**Sr Fullstack .Net developer**

**SUMMARY**

* A Certififed .Net Developer with over 10 years of experience as a Fullstack .Net Developer with extensive experience in the complete development process of using Microsoft .NET Framework 3.5, C#,.Net Core, Web API, ASP.NET, and ADO.Net with wide experience in requirement analysis, design, development, integration, Test and implementation in Agile and Waterfall environment methods.
* Extensive experience with Web technologies like ASP.NET Core ,Web API, & Web Services, IIS 6.0, HTML, ASP, XML, SOAP, VBScript, JavaScript and in developing Enterprise level Web applications using C#, JavaScript, Typescript, , Node JS and Angular frontend technologies.
* Strong Design Pattern knowledge and experience in ASP.NET MVC with Web User Controls, Custom Control, Server Controls, Windows Service, and Web Service.
* Wide experience and expertise with HTML, CSS, Themes, Master Pages, Site Map, and JavaScript.
* Experience with Data Accessing using Data Adapter, Data Reader and Dataset in ADO.NET and LINQ (Language Integrated Query) Providers for data manipulation.
* Expertise in Object Oriented Design and Programming skills using technologies like Visual Studio 2019, Visual Studio .Net, ADO.NET and experienced with Entity Framework, LINQ to SQL, and ADO.Net
* Extensive experience with design patterns, N tier architecture, 3 tier architecture and MVC and in web development with relational databases such as SQL Server and SSRS and SSIS and to produce dynamic web-based applications.
* Migrate and Remediation from other languages to .Net Core.
* Solid experience with Entity Framework, LINQ to SQL, and ADO.Net to connect to data sources such as database and flat files and expertise in using C ASP.NET VB.NET ADO.NET XML and creating CI/CD pipeline using TeamCity and Azure DevOps CI/CD, Azure containers.
* Expertise in versioning tools like GIT Hub, TFS (Team Foundation Server), VSS (Visual Source Safe), SVN, CVS with excellent communication skills, both in written and verbal.

**TECHNICAL SKILLS**

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| Programming languages | C#, LINQ, ADO.Net, PL/SQL, T-SQL, C, C++, |
| Web development | ASP.Net, XML, JSON, REST, SOAP, Web Services, WCF, MVC, WEB API, HTML, CSS, AJAX, JavaScript, Node Js, jQuery, Bootstrap, ReactJS, IIS 8.5/7/6. |
| Cloud Technology | Azure |
| Operating Systems | Windows, UNIX/Linux. |
| Project Management Tools | JIRA, Bitbucket. |
| Databases | SQL Server 2012/2008/2005, MySQL, MS SQL, PostgreSQL, MongoDB |
| Database Tools | SQL Enterprise Manager, SQL Profiler |
| ETL Tools | SQL Server Integration Services (SSIS) |
| Reporting Tools | SQL Server Reporting Services (SSRS), Crystal Reports |
| Version Control Tools | Team Foundation Server (TFS), SVN, Git Hub |
| MS Office | MS PowerPoint, Word, Visio, Excel |
| Methodologies | Agile Methodology, UML |

**EDUCATION & CERTIFICATION**

* MCA, Madurai Kamaraj University,Madurai,Tamilnadu,India 2004
* BSc in Computer Science from Manonmaniam Sunderanar University, Tirunelveli, 2001
* Certification in Microsoft Certified Azure Developer Associate
* Certification in Developing and Implementing Web Applications with MS C#.Net and VS.net
* Certification in Developing ASP.Net MVC Web Application

**PROFESSIONAL EXPERIENCE**

**Ajace, Inc., USA Dec 2021 - Till Date**

**Sr Full stack .Net Developer**

**Responsibilities**

* Involved in gathering requirements, analysis, design, development, testing and deployment for enhancements and Designing and developing the application using Node JS, Typescript, .NET, HTML5 and CSS.
* Used N-tier architecture for presentation layer, the Business and Data Access Layers and were coded using C#. Net and involved developing Applications using Micro services and monolithic architecture.
* Involved in designing and developing .Net core application and refactoring the existing code and building SPA using Angular.
* Worked with Requirement analysis and translated into technical specifications and wrote documentation
* Executed programming functions utilizing all Microsoft .NET Technologies and involved in the deployment of ASP.NET Core and MVC (Model View Controller).Net Applications using different application pools on a web server as a single Intranet Application.
* Migrate application from other languages to, .Net Core, and fixed the Remediation while migrating the application.
* Developed swagger UI, Postman for service docs and migrated existing SOAP services and web forms to restful services which enabled the user to use a single point of services.
* Worked on creating code using C# .NET languages and using .NET core framework and utilized LINQ to SQL to interact with the SQL Server database 2016 for data retrieving, querying, storage, and manipulation.
* Developed CI/CD pipelines using Azure DevOps to deploy onto existing VMs, Azure App Services using Azure containers in Azure.
* Data base migration and Remediation from different source to SQL Server data base.
* Expertise in versioning tools like TFS, GIT Hub operations push, pull, commit etc…
* Work Expertise in Project management tool JERA.
* Worked on creating dependencies of activities in Azure Data factory and created and deployed Azure functions for independent services and used different triggers based on the requirement.

**Environment:** .Net Core, .NET Framework 4.5, Angular, Windows Service, Web Service, Web API, MSSQL, Visual Studio, VS Code, ADO.NET, Informatica, Crystal Report

**SYSTEMS AIDS, Bangalore, India Feb 2018 - Nov 2021**

**Software Architect**

**Responsibilities:**

* Designed and developed the complete front-end application using ASP.Net with C# as code behind for the internal processing and implemented the algorithm in C++ to calculate key system variable in MS Excel for   
  Customer Support Department, allowing product release on time.
* Used Java Script for Client-side validations and applied validation controls for validation of the Web forms for the UI using ASP.Net and was involved in Database diagram design and Tables design in SQL Server.
* Created Stored Procedures, Views, Triggers and Complex T-SQL queries in SQL Server.
* Designed and developed applications that includes User Interface, Data storage, data analysis algorithm (**RMS**) and numerous data reports and stored in Excel Data format.
* Expertise in versioning tools like TFS, GIT Hub.
* Developed application is to find the lateral and vertical peaks in train tracks and calculate Ride Index in the particular train route.
* Work Expertise in Project management tool JERA.
* Migrate application from VC++ to .Net Framework, .Net Core, and fixed the Remediation while migrating the application.
* Designed and developed application for acquire data using National Instruments DAQ card (NIDAQ) card. The source data is from custom made external hardware device. Designed and developed custom libraries to read the GPS data from Bluetooth COM port and parse the required data from stream of NMEA sentences and involved in writing existing code to boost performance.
* Migrate data base from file system to SQL Server data base.
* Experience to Data Migration using SSIS.
* Good knowledge of connecting and acquire data from the external manufacturing mechanical devices via COM port and bluetooth.
* Assigned the active sprint story to team members and guided them while writing the code.
* Designed the system, fixed the prod issue, guided the juniors and implemented the feature of the active sprint.
* Responsible for analysis, design, implementation, management and maintenance of full software development life cycle (SDLC) project.
* Manual testing.
* Involved in Analysis and Designing and also developed the whole prototype of the application.
* Used CSS (Cascading Style Sheets) in ASP.Net pages andcreated User Controls and Custom Controls for a common purpose in the whole application.
* Employed multiple controllers to provide for different functionalities within the app with documentation.
* Trained and guided juniors in learning VDS tool GIT and also project management tool JIRA.
* Guided teammates about the best practices of programming and software development.
* Versioning control create braches and access branches, using Git commands on Git bash and GUI.
* Used SMS API integration with the help of Sparrow SMS service and send emails to the patients for their appointment and follow up information on schedule automatically.

**Environment:** .Net Core MVC ,Web API,JavaScript, jQuery, Angular, CSS, AJAX, IIS, MySQL, MSSQL, Vs Code, Visual Studio, Eclipse, SSMS, PHP My Admin.

**VALS TECHNOLOGIES, Tamil Nadu, India Jan 2014 - Dec 2017**

**Senior Development Engineer**

**Responsibilities**

* Created different interfaces using .Net Framework 4.0 with Object Oriented Programming Methodology.
* Responsible for enhancing AZURE (Cloud Services).
* Migrate and Remediation application from other languages to.Net Framework, .Net Core.
* Designed, developed .Net Core Micro Services in C# and developed the web forms using ASP.Net 2.0.
* GUI included a point and click map driven application with extensive communications to internally designed hardware controllers in the field via hard wire and wireless access.
* Developed dynamic ASPX web pages for Application using ASP.NET, C#.NET, XML,   
  HTML and JavaScript and developed custom AngularJS directives to build custom reusable modules to use across the application. Extensively used ASP.NET 3.5 Web Server controls like Grid   
  View, Data List and Repeater for displaying the records.
* Developed several SOAP and REST API based internal tools to enhance quality and performance of existing code base and deployed in Cloud Foundry and AZURE.
* Used .NET Validate controls for validating the information provided by the user and implemented input validation using the ASP.NET Input Validation Controls and worked on web pages and business objects using C, JavaScript, and XML in a mixed ASP.NET environment.
* Used SSRS and SSIS for generating reports, charts and integrating data.
* Used JMS messaging technology as a communication medium in between micro services.
* Involved in all the phases of the Project Life Cycle and analysis of the system based on 3-tier architecture.
* Developed whole application in ASP.NET4.5 using C# as code behind.
* Used various controls in .NET Framework, for example Grid View control to display data in tabular form and Data Page control for paging  and developed Web Pages using C#, ASP.Net, HTML, CSS, BOOTSTRAP, AJAX, JavaScript and JQuery.
* Developed login page, security for the application. Used ASP.NET Core, HTML 5, Bootstrap and Entity Framework and used VB script as a tool for regular windows job and other batch processing.

**Environment:** JavaScript, jQuery, Angular, PHP, CSS, AJAX, .Net Core, IIS, Apache, MySQL, MS SQL, VS Code, Sublime, Visual Studio, Eclipse, SSMS.

**TECHLIBERTY SYSTEMS INC, Tamil Nadu, India Nov 2005 - June 2006**

**Sr .NET Developer**

**Responsibilities**

* Involved in developing the application using MVC, Entity Data Model, Asp.Net MVC developing applications using.Net Framework C#, JavaScript.
* Heavily worked with SQL to validate the data in the SQL-Server by writing Procedures and SQL Queries.
* Heavily involved in bug tracking, reporting reviewing, and analyzing test results using Bugzilla.
* Involved in the HTML design of web pages, including CSS, and have written the JavaScript.
* Involved in the development of business logic, data Access layer and presentation layer. .
* Privileges were granted to employees with Role-based access to grant access
* Migrated portal from earlier versions to ASP.NET 3.5 and SQL Server 2008 and enhanced the portal to add more functionality, increase user experience and improve navigation.
* Used ADO.NET objects Data Reader, Dataset and Data Adapter for consistent access to SQL data sources.
* Worked with the test team and fixed the issues as part of the bug life cycle.

**Environment:** HTML, ADO.NET, J-Query, JavaScript, Web Services, SQL Server, XML, XSL/XSLT.PHP, CSS, CI Framework, Apache, MySQL, MS SQL, Sublime, Eclipse, PHP MyAdmin