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| **Professional Summary:*** A highly experienced professional with over 18 years of successful experience in Web development, application development, unit testing, debugging, deployment of Microsoft technologies which includes **Asp.Net Core, Asp.Net Web API, Asp.Net MVC, Asp.Net, VB.Net, C#.Net, Angular (14-17), ReactJS, Redux and Type Script etc**.
* Over 10 years of experience managing and delivering complex projects in Microsoft technologies, specializing in .NET development, ETL Integrations using SSIS, Reporting using Tableau, Power BI, SSRS and automation using Python, UI Path
* Extensive knowledge in .NET frameworks, including .NET Core, ASP.NET MVC, and ASP.NET Web Forms, with a strong background in front-end technologies like Angular, React, and JavaScript.
* Proven track record in leading and coordinating cross-functional teams, fostering collaboration, and achieving project goals within deadlines and budget constraints.
* Proficient in **AWS** development, including UI creation, **Lambda** functions, **Step** functions, **SQS, SNS**, REST API services, **DynamoDB**, **CDK**, cloud databases, and CI/CD processes.
* Worked with DevOps engineers to automate deployment processes and ensure seamless **continuous integration and delivery (CI/CD)**.
* Developed web applications, Web APIs, using various versions of the .NET framework, ranging from 2.0 to 4.X, as well as ASP.NET Core and .NET 5/6 framework.
* Developed and maintained legacy applications using VB.Net, C#.Net and SQL Server.
* Developed **ASP.NET MVC** web applications utilizing **C#, SQL Server, Knockout.js, jQuery, Bootstrap, HTML5, CSS, Kendo UI, Telerik Controls, Charts.js, and D3.js** to deliver rich, interactive user experiences and efficient data visualization.
* Having experience in developing Desktop applications using **WPF (MVVM)**, **Entity Framework Core (ORM)**, SQL Server, **LINQ**, and **Asp.Net Web APIs.**
* Having experience in developing console and windows service applications using **C#.Net and VB.Net** with SQL Server / MySQL as the backend.
* Developed **ETL** processes with **SSIS and CDATA** connectors, constructing a SQL Server-based data warehouse for former employer.
* Developed reporting dashboards using **Tableau, Power-BI and SSRS**, seamlessly integrated into web applications for enhanced data visualization and analysis.
* Knowledge on **Azure Synapse, Azure Data Factory (Copy, SSIS run-time)**
* Knowledge on AWS services like AWS Lambda, AWS API Gateway, AWS Step functions, IAM etc.
* Developed and maintained **Web API RESTful** applications using ASP.NET MVC, providing robust and scalable solutions for seamless data exchange over HTTP.
* Designed database schema in **SQL Server**, developed complex **SQL queries, Stored procedures**, managed SQL backups, and scheduled **SQL Agent jobs** for efficient database maintenance.
* Developed **ASP.NET Web Forms** applications leveraging ASP.NET, HTML5, Bootstrap, and CSS to craft intuitive user interfaces with Entity Framework.
* Developed **N-Unit** Dotnet applications for Web Test automation using **Selenium**
* Good knowledge of the software development life cycle (SDLC) Designing, Developing, Coding, Implementation and Maintenance.
* Developed applications following the Agile Development Process.
* Creating and designing of APIs calls using **Swagger** and **Postman**.
* Experience in Application Development Analysis, Requirement Analysis, Scoping, Developing, Debugging, Testing and Documentation of various phases in a project life cycle of Client/Server Applications and Hands on experience in Unit Testing of applications.
* Experience in building the HR Payroll platform and automation of Client Billing (NetSuite, Xero) activities.
* Developed and configured **CI/CD pipelines** using Azure Pipelines for seamless integration with GitHub and Bitbucket repositories, enabling automated builds, tests, and deployments to streamline the software delivery process.
* Acquired extensive domain knowledge in healthcare, demonstrating a strong understanding of **HIPAA** compliance regulations. Proficient in transcription, medical coding, and medical billing platforms, ensuring adherence to industry standards and best practices in sensitive data handling and processing.
* Good analytical, problem solving and organizational skills, ability to handle multiple tasks and work independently as well as in the team.

**Technical Skills:**

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| Programming Language | VB.Net, C#.Net, Asp.Net Core, Python, PHP & OOPs concepts |
| Web Technologies | Asp.Net Core, Asp.Net MVC, Asp.Net, Razor pages |
| Desktop Applications | WPF, Asp.Net Forms, Windows Programming, Console Applications |
| Front-End Technologies | HTML5, CSS, JQuery, KnockOut, Bootstrap, Angular, React.js |
| API Development | Asp.Net Web API, Microservices, AWS Lambda, AWS API Gateway |
| Microsoft .NET Technologies and Tools | .Net Core/.NET 5+, .NET6, .NET 7, Asp.Net Core 6, ADO.NET, LINQ, Web Forms, JIRA, Docker, Jenkins |
| Quality Assurance (Testing) | Unit Testing, User Acceptance Testing, Regression Testing, White Box Testing, Integration Testing. |
| Design Patterns | Singleton, Factory, Abstract Factory, Repository, Unit Of Work |
| Internet Applications | Ajax, XML, XSL, XSLT, XAML, WCF Services, MVVM |
| Cloud Platforms | Microsoft Azure, AWS |
| Web Servers, APIs, and Protocols | IIS, Docker, RESTful, SOAP, HTTPS, TCP/IP |
| IDE | Visual Studio, Visual Studio Code, Spyder, Management Studio, Eclipse |
| Packages | MS Office, SSIS, Power BI |
| Databases | SQL Server, MySQL, PostgreSQL, MongoDB, ORM (Dapper) |
| Version Control Tool | TFS, Git Hub, Bit Bucket, Azure DevOps (Kubernetes) and SVN |
| ETL Development | MSBI, SSIS, Tableau |
| Automation Tools | C#Selenium;Python-Selenium, UI Path, Dell Boomi |

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**Education:**

* MSc. in Information Technology from SRM Arts & Science College, Madras University, IN
* Bachelor of Computer Applications from Satavahana College, Nagarjuna University IN

**Projects Handled:**

**Project : iHermes**

Client : Rapid Care Group USA, SFO, CA

Duration : Feb 2019 – Present

Role: : Project Manager

**Description:** Rapid Care Group USA is a leader in medical transcription, coding, and billing analytics platforms. This project was an old legacy application built for internal purposes for all the departments across the organization. HR department to run the payroll, Finance Team to generate the client invoices, Analytics team to review the AR information, Production team to review the jobs, productivity, incentives, and so on. This project is later migrated to the VB.Net, .Net Core, Entity Framework core, Angular and Azure stack.

**Responsibilities:**

* Consult with all the departments, gather all the information about program needs, objectives, functions, features, input, and output requirements.
* Prepared system requirement documents, use case documents, unit test cases etc.
* Designed the systems and programs to meet highly complex business needs.
* Developed data layer functions using ORM, ADO.Net Entity Framework to connect to SQL Server, PostgreSQL databases. Implemented Database First approach in EF Core.
* Developed Model classes based on the database table design and views.
* Developed Controllers for authentication using JWT bearer tokens, and for building up the application for various tasks (users).
* Developed UI interface for migration using Angular and Typescript in VS Code.
* Developed validation annotations to handle the validation for the UI interfaces.
* Developed complex grids to display the data with pagination, search filters, sorting etc.
* Developed many utility functions like Logging, Excepting Handling, Sending Email for troubleshooting.
* Developed complex stored procedures, implemented indexing for better performance.
* Developed automated Test cases using C# Selenium for unit testing (N-Unit).
* Implemented SDLC process for software development, conducted peer to peer code reviews.
* Developed Rest APIs using Asp.Net Web API and SQL Server.
* Involved in troubleshooting of the applications and provided the solutions quickly which helped the team to complete the tasks on time.
* Providing the time estimates and justification to the assigned tasks and providing the recommendation to the project managers.
* Provide consulting services in a technical capacity to management and technical staff.
* Work within change control procedures, managing release management processes.
* Define, resolve and/or escalate issues for resolution.
* Participate in Daily Stand ups, Sprint Planning and Retrospective.
* Perform knowledge transfer to Service Delivery teams.
* Maintenance of application(s) release management.

**Environment:** C#, Asp.Net Core, Asp.Net MVC, Asp.Net Web APIs, SQL Server, MySQL, Angular, Fiddler, Jira, TypeScript, HTML, CSS, JavaScript, Bootstrap, Git, GitHub, Bitbucket, Azure Windows Server, CI/CD pipeline for build and deploy, MS Teams, Microsoft Exchange Server, SFTP Client, N-Unit, C# Selenium

**Project : iMedX Data Warehouse and Lite application.**

Client : Rapid Care Group USA, SFO, CA

Duration : Jun 2016 – Jan 2019

Role: : Project Manager, Architect

**Description:** Integrating the transcription services, coding services, analytic services, sales, client billing, payroll, radiology, and pathology services data to single database (Data Warehouse) for data analytics, business intelligence and decision-making.

**Responsibilities:**

* Gather the information for all the available services in the organization.
* Discussed with the teams to understand the data formats, data sources, database servers and identified all the data sources required to load the data.
* Designed the SRS, Use Cases, Database, Unit test cases, Release notes etc.
* Developed SSIS packages using CDATA and Kingswaysoft connectors to integrate the data from NetSuite, Xero, Salesforce, Smartsheet, Zoho, SugarCRM, Fresh Desk, Fresh Sales etc.
* Developed complex SQL server stored procedures for hashing (insert/update), merge the data to the database.
* Developed SSIS packages to load data from different transcription platforms like 3M, eScriptionOne, iMedX, iChart etc.
* Developed Script Components using C#.Net for dynamic expressions.
* Developed Rest API components to fetch the data from Xero, Fresh Desk using OAuth2 security contsraints.
* Developed UI for Lite application using React, Bootstrap, Redux and TypeScript.
* Developed Asp.Net Core Web APIs
* Usage of GIT repository to apply the code changes and pull/push the code.
* Developed dashboards and integrated Power-BI and Tableau Reports to the Lite application.
* Developed python scripts for downloading data from web and sftp servers.
* Conducted peer to peer code reviews. Implemented the agile methodology for the application development.
* Jira for project management, assign the tasks, issues, and deployment (release) notes.
* Provided regular updates on project status to higher management, fostering transparency and alignment with organizational goals.

**Environment:** Asp.Net MVC, React, C#, SQL Server, SSIS, CDATA, KingswaySoft, SQL Server, Git, GitHub, Bitbucket, Jira, Teams, Outlook, Exchange Server, Fiddler, N-Unit, ETL Testing

**Project : iMedX Fax Online.**

Client : Rapid Care Group USA, SFO, CA

Duration : May 2014 – Jun 2016

Role: : Associate Technical Lead

**Description:** Automated the process of sending faxes to the iMedX clients (physicians, clinics).

**Responsibilities:**

* Discussed with the team of size (40), understood the process of manual faxing.
* Prepared and developed design documents for automating the faxing process with one person to monitor.
* Designed the application into multiple phases; 1) Automation of downloading the PDFs from the client machine. 2)Reading the PDFs base information like filename, no. of pages, account details etc. storing the data to database and uploading the faxes to Biscom Fax Server. 3) Read the Biscom Fax serve response for each file. 4) Develop the website for monitoring the account wise fax details and client billing.
* Developed UI using Asp.Net MVC razor pages.
* Developed Entity Framework – Database first approach.
* Developed Data Access Layer using VB.Net
* Used LINQ to SQL and LINQ to entities in the applications.
* Zeroed the manual process of sending faxes with one person to monitor the faxing.
* Followed SDLC process to complete the application.
* Tortoise SVN and TFS as code repositories.
* Deployment of application to the windows server.

**Project : iMedX Ops Console.**

Client : Rapid Care Group USA, SFO, CA

Duration : Jan 2013 – May 2014

Role: : Associate Technical Lead

**Description:** This application is used as support to the iMedX Platform and removing the manual direct hits to the database servers and application servers (file, application)

**Responsibilities:**

* Discussed with the team of size (15), understood their tasks for direct database, server hits.
* Prepared and developed design documents for using the web application instead of direct access to SQL server, MySQL Server, Application servers.
* Developed application allowing different roles of users to complete their tasks.
* Developed UI using Bootstrap, HTML5 and jQuery.
* Developed application using Asp.Net MVC, VB.Net, razor pages.
* Developed features like Bulk-Uploads; JQ Grids for event handling; JQuery Tabs for differentiation sections.
* Developed Word templates by reading M\*Modal APIs.
* Used LINQ to SQL and LINQ to entities in the applications.
* Zeroed the manual process of direct hits to database and application servers.
* Followed SDLC process to complete the application.
* Tortoise SVN and TFS as code repositories.
* Deployment of application to the windows server.

**Project : Tribune Direct**

Client : Tribune Direct, USA

Duration : June 2010 – Nov 2012

Role: : Associate Technical Lead

**Description:** Tribune Direct is a recognized leader in the direct marketing industry, offering state-of-the-art capabilities to deliver more than 3.1 billion pieces of mail annually. Its Private Label Ordering Sites offers On-demand, sophisticated marketing dashboard that gives the users the power and flexibility to plan, design and executes an entire direct mail campaign online. It allows the users to select prospects, offers, design specific coupons, print and mail – all at the push of a button.

The key customers that use Tribune Direct Private Label Ordering Sites for their direct marketing champagnes are Subway, Supercuts, Walgreens, Jazzercise, Stanley Steemer, SuddenLink, PepBoys, Nexus(Tribune Internal Project)

**Responsibilities:**

* Tortoise SVN and TFS as code repositories.
* Analyzed the requirement and Preparing design document, coding unit testing and integration.
* Attending Daily Scrum Calls and gathering requirements from the client, developing applications, and demonstrating.
* Developed applications with new technology like “Web API” and Html pages with JQuery.
* Developed Walgreens application that will support more than 15,000 users simultaneously.
* Created Open Street Maps for Jazzercise and Pep Boys with an innovative concept. (For this got a game change award).
* Worked with third party controls Telerik, JQGrid, JQueryUI
* Used free tools InkScape, XmlStarlet to generate JPG and PNG images to generate maps.
* Created UI with AngularJS.

**Project : Intellicubes**

Client : Intellicubes, IL

Duration : Jan 2009 – Jun 2010

Role: : Senior Software Engineer

**Description**: Intellicubes (IC) is a sophisticated web-based Business Intelligence tool designed to tackle the key challenges in the BI landscape. It excels in integrating disparate data sets, managing complex queries, enabling multi-dimensional analysis of large datasets, and ensuring scalability. Some of its key features include:

* Integration of disparate data across various data sources.
* High-performance, non-pre-aggregated cubes.
* Utilization of Hadoop LZO Compression and caching for enhanced performance.
* Innovative indexing strategy for efficient data retrieval.
* Graphical query building tool for intuitive query creation.
* IC Insight module for report building, offering a wide range of flexible charts.
* Dashboard management capabilities for centralized monitoring.
* Scheduling functionality for automated report generation and distribution.
* Scalability through distributed search engines infrastructure, ensuring efficient information retrieval and processing.

 **Responsibilities:**

* Attending client calls, reviewing their requirements, and comprehensively understanding the use case documents are essential steps in crafting optimal solutions tailored to their needs.
* Coding the use cases and conducting thorough unit testing ensures the implementation of robust solutions that align with the identified requirements and use cases.
* Peer-to-peer reviews following coding standards ensure code quality and adherence to best practices, fostering collaboration and enhancing overall project integrity.
* Building and deploying code from the development environment to the QA environment ensures that the software is thoroughly tested before release, maintaining stability and reliability throughout the deployment process.

**Project : Outback Gaming Application**

Client : Outback Gaming Group, UK

Duration : Jun 2005 – Jan 2009

Role: : Senior Software Engineer

**Description**: Online Skill Win Prize (SWP) is an online gaming application developed for the Outback Gaming Group (OGG), aiming to bring the excitement of slot machines and poker games to the online realm. OGG's objective is to transition these traditional gaming experiences to a digital platform.

It's crucial to note that Online SWP involves gambling, and as such, it must adhere to strict gaming regulations in the UK. Users of Online SWP can win or lose money based on their gambling activities.

Ensuring compliance with gaming rules and regulations is paramount to maintain legality and ethical standards while providing an engaging and entertaining gaming experience for users.

**Responsibilities:**

* Attending client calls, reviewing their requirements, and comprehensively understanding the use case documents are essential steps in crafting optimal solutions tailored to their needs.
* Coding the use cases and conducting thorough unit testing ensures the implementation of robust solutions that align with the identified requirements and use cases.
* Peer-to-peer reviews following coding standards ensure code quality and adherence to best practices, fostering collaboration and enhancing overall project integrity.
* Building and deploying code from the development environment to the QA environment ensures that the software is thoroughly tested before release, maintaining stability and reliability throughout the deployment process.