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| **PROFESSIONAL SUMMARY** |

* **10 years** of technical experience in designing and developing client/server applications, web applications, web services by using **Microsoft** .**NET** technologies.
* Experienced in **Software Development Life Cycle (SDLC)** including requirements definition, design, implementation and testing. Strong in **Waterfall Cycle**, **Agile Software Development**, Database & Test Driven Development methodologies.
* Professional level experience in design, development and implementation of applications using **C#**, .**NET**, **ASP**.**NET, MVC**, **Web Forms**, **HTML, Silverlight**, **AJAX**, **IIS**, **JavaScript**, **jQuery**, **AngularJS**, **XML**, **UML and MS-SQL**, **PL/SQL**.
* Expertise in designing **ASP**.**NET** based Graphical User Interfaces with **HTML**, **CSS**, **JavaScript**, **AngularJS/Angular**, **Bootstrap**, **AJAX**, **and jQuery**.
* Extensively worked on Database Connectivity with ORM technologies like **Entity Framework** to worked with relational data using domain-specific objects.
* Experience in data access using **WCF REST Services**.
* Involved in the design and development of 3-Tier, N-tier distributed architectures and **MVC architecture** and Design Patterns.
* Developed applications using **Web Services**, **Data Structures**, **Microsoft Azure**, N-hibernate, **AJAX controls**, and cross browser functionalities.
* Experience in Database processes such as Analysis, Design, Normalization and Manipulation using DDL and DML with **SQL Server 2008/2008 R2/2012/2014/2017** and Oracle 11g.
* Expertise in creating **Web Forms**, **User Controls**, **Custom controls in**.**NET Framework**. Extensively used various ASP.NET features like Caching, Session for State Management of Web Applications.
* Experience on Custom, Tabular, Matrix and distributed reports in multiple formats using Crystal Reports and SQL Server Services like SQL Server Reporting Services (SSRS), SQL Server Integrating System (SSIS).
* In-depth knowledge in Multi-threaded programming and Thread synchronization, implementing error handling, troubleshooting, and exception management, tracing and logging features.
* Extensive experience in developing and implementing XML Web Services using **WCF**, **WSDL**, **and SOAP**.
* Experience with Unit and Integration Testing by using VS Automated Unit Testing Framework, Load testing and Performance testing.
* Experience in using Source Code Version Control Systems like **TortoiseSVN**, **Team Foundation Server**, **and GIT**.

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| **TECHNICAL SKILLS** |

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| **Technical Specialization** | C/C++, Visual Basic, C#, .NET, ASP.NET, MVC3/4, Entity Framework, JavaScript, Typescript, Angular, WCF, XML, FTP/SFTP, HTML, Silverlight, AJAX, Windows Forms, MySQL, MS-SQL |
| **IDE Tools** | Visual Studio .NET 2008/2010/2012/2015/2017 |
| **Scripting** | HTML, CSS, JavaScript, jQuery, XML, JSON |
| **Web Servers** | IIS 6.0/7.0/8.0/10.0 |
| **DBMS** | SQL Server 2008/2012/2014/2017, ADO.NET |
| **Version Control Tools** | Team Foundation Server, TortoiseSVN, Git, Bitbucket |
| **Reporting Tools** | SQL Server Reporting Services (SSRS), Crystal Reports, Telerik, Infragistics, Power BI |
| **Operating Systems** | Windows NT/Server 2003/Server 2008/XP/Vista/7/8/10 |
| **Other Technologies** | SQL Server Integration Services (SSIS) |

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| **EDUCATIONAL QUALIFICATION** |

Bachelor and Master of Technology in Computer Science at Andhra University, India.

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| **PROFESSIONAL EXPERIENCE** |

**Client: Meijer Inc.** – **Grand Rapids**, **MI Aug 2021 – Present**

**Role:** .**NET Developer**

**Description:** Meijer is a superstore chain that primarily operates throughout the midwestern states. My first year there I worked on a team that heavily focused on the produce section – the signs, shelf tags, etc. that go in it. The team that I am currently in focuses on managing the customer data coming from multiple sources.

**Responsibilities:**

* Worked on developing new features, enhancing, and maintaining their internal application that is used to create promotions on various items based on which the sale signs would be generated using **C#** and **WPF**.
* Tracked, documented development and enhancement requests, and managed projects and **CI/CD** pipelines through **Azure DevOps**.
* Contributed to the development of the new ILC (Item Location Code) structure and enhanced shelf tags using **.NET Core, MS-SQL, Azure Functions, Azure Key Vault, Azure Container Apps, and Cosmos DB.** Incorporated **AWS** services such as **AWS Lambda** for serverless computing to complement **Azure Functions** and ensure flexibility in cloud functionality.
* Implemented **Service Oriented Architecture (SOA)** principles to design and develop an in-house **RESTful API** that integrates with multiple third-party vendor systems, resulting in a 40% improvement in response times and a 25% reduction in manual data entry, thereby enhancing the overall system efficiency and user experience.
* Expanded a custom domain driven microservices architecture built on top of **ASP.NET Web API and HTTP.**
* Worked on managing/caching several of their **APIs** using tools such as **Postman** and **Swagger**.
* Designed and implemented authentication based on **OAuth2** for internal applications and APIs, streamlining secure access and enhancing user authentication processes.
* Utilized **NUnit** and **Mock** for unit testing and mock testing, ensuring code quality and robustness through comprehensive test coverage and continuous integration practices.
* Frequently monitored and cleared tech debt to maintain system integrity and performance.
* Led a team in managing and integrating customer data from multiple sources. Oversaw the enhancement and maintenance of their internal application and website using **WPF and ASP.NET**, facilitating comprehensive data viewing, management, and application of business rules.
* Developed and implemented a new front-end architecture using **Angular and TypeScript**, resulting in increased page load speeds and improved overall responsiveness.
* Developed and optimized various business actions and conditions primarily using **JavaScript**, enabling data transformation, survivorship, and other critical processes to ensure data integrity and consistency.
* Integrated **Apache Kafka** to streamline data ingestion from multiple sources, improving real-time data processing and system responsiveness.
* Designed and updated **DataStage** jobs using **IBM DataStage** to merge and transform data from disparate sources, ensuring compliance with a unified data schema and validating data accuracy.
* Engaged actively in diverse **Scrum** ceremonies, participated in PI Planning events and Hackathons. Notably, our team secured the top accolade for the best idea in the Hackathon.

**Environment:** .NET Framework 4.7, .NET Core 3.1, .NET 5.0, C#, Angular 13/14, Typescript 4.4/4.6/4.7, Visual Studio 2019, MS-SQL, SQL Server Management Studio, Azure DevOps, Azure Functions, Cosmos DB, Apache Kafka, AWS Lamda, JavaScript, XML, Postman, IBM InfoSphere DataStage, PuTTY, and Windows 10/11.

**Client: H&R Block** - **Kansas City**, **MO Aug 2020 – Aug 2021**

**Role:** .**NET Developer**

**Description:** The objective was to develop, enhance, and maintain BlockWorks, which is a tax filing WPF-Silverlight application that is used in most of their offices across the country, and has several different options to accommodate a variety of tax forms and tax return types.

**Responsibilities:**

* Worked with the core development team to categorize and analyze client enhancement and development requests to reduce time to assess alignment with business strategy, and to simplify solution definition and estimation.
* Tracked and documented development and enhancement requests through **Azure DevOps**.
* Designed, developed, and tested new features of the application using **.NET**

with front-end technologies such as **WPF, CSS, JavaScript, and Silverlight,** and constructed the back-end business logic in **Model-View-ViewModel (MVVM)** architecture on **SQL** using industry coding standards with languages such as **C#**.

* Worked on the entire 3-tier architecture (MVVM) of the application with robust understanding and implementation of Object-Oriented Programming concepts.
* Worked on several support issues, which were mainly related to customer data, using **SQL** and **LINQPad** on a regular basis.
* Tested the application using various testing strategies such as **Unit Testing, Integration Testing, and System Testing**.
* Worked with version controls tools such as **Git**, and **Azure DevOps** to push changes made to the project build.
* Worked with the QA team to help understand the steps necessary to reproduce the issue in order to check if it has been resolved and to build test cases to considerably reduce the chance of the issue to reoccur in an unlikely scenario.

**Environment:** .NET Framework 4.5, C#, Web API, AJAX, Visual Studio 2015, JavaScript, XML, CSS, Silverlight, MVC, LINQPad, MS-SQL, SQL Server Management Studio, Azure, Windows Forms, IIS 10.0, Windows 10, and Git.

**Client: Securus Technologies** - **Knoxville**, **TN Jul 2018 – Jul 2020**

**Role:** .**NET Developer**

**Description:** The objective was to develop, enhance, and support XJail and XJailSites, which are prison management Windows Forms, and web applications, respectively, which consist of several modules such as Accounting, Booking, Cell Management, Inmate Management, etc. and are used by several clients.

**Responsibilities:**

* Worked with the development team to categorize and analyze client requests to reduce time to assess alignment with business strategy and roadmap, and to simplify solution definition and estimation.
* Tracked and documented development requests through change management **Jira** ticketing system.
* Design, develop, and test new features for the application and the websites using **.NET**

with front-end technologies such as **Windows Forms, Windows Presentation Foundation (WPF), Telerik, HTML, CSS, Angular, JavaScript, jQuery, Silverlight,** and construct the back-end business logic in the Data Access Layer on SQL with a plethora of stored procedures and programming languages such as **C#, Java, and Visual Basic** using industry coding standards.

* Worked on the entire 3-tier architecture of the applications and the websites with robust understanding and implementation of Object-Oriented Programming concepts.
* Developed interactive reports with options such as filters for the application and for the

websites using **Crystal Reports,** **Telerik** and **Infragistics** controls as per the requirements of the customers.

* Refactored and enhanced existing code base of websites to improve the load times and the responsiveness of the application.
* Managed database security, capacity planning, and database migrations.
* Created and enforced database development standards.
* Tested the application using various testing strategies such as **Unit Testing, Integration Testing, and System Testing** to ensure that everything works before handing off a build to the QA Team.
* Worked with **Git**, and **Bitbucket** to push changes made to the project build.
* Created, and updated tickets on **Jira** providing a good estimate of time needed to resolve any issues that arise in either of the applications.

**Environment:** .NET Framework 4.5, C#, Java, Java SE Runtime Environment, Web API, AJAX, Visual Studio 2010/2015/2017, JavaScript, Bootstrap, HTML, CSS, Angular 7/8, Silverlight, LINQ, MS-SQL, SQL Server Management Studio, Telerik, Infragistics, Azure, Windows Forms, IIS 10.0, Windows 10, Jira, Git, TortoiseSVN, and Bitbucket.

**Client: MolecularMatch** - **Houston**, **TX Jul 2016 – Jun 2018**

**Role:** .**NET Developer**

**Description:** MolecularMatch is an organization focusing on finding precise Healthcare Treatments, Trails, and Medications based on their characteristics. The product was focused on developing a user friendly platform to render the aforementioned services. As a contractor I worked on the application module, case generation module and eligibility determination module.

**Responsibilities:**

* Extensively worked in an **Agile (SCRUM)** environment with cross-functional teams to work on Sprint deliverables.
* Used C# language in developing the Business logic, where in extensively implemented the Object Oriented Programming functionalities.
* Written JavaScript, jQuery functions for Client side code to implement different functionalities like validations, making service calls, detecting client browser, etc.
* Designed User Interface System using **HTML**, **CSS**, **JavaScript**, **AJAX**, **JSON**, **AngularJS**, **and Bootstrap**.
* Effectively used **ASP**.**NET Model-View-Controller (MVC)** Architectural pattern to decouple Data Access Layer and Business Logic from data presentation and user interaction.
* Designed the application using **HTML Helpers and Razor Views in MVC architecture** that promotes a clear separation between the different layers.
* Built the Data Access Layer (DAL) using Entity Framework Code-First paradigm and repository patterns.
* Implemented Client Side Validations using AngularJS and Server side validations using Data Annotations.
* Used **LINQ to Entities** and **Lambda** functions for retrieving the data efficiently and Just in Time manner.
* Created Data Access Layer Methods, **T-SQL** Queries, stored procedures in the **SQL Server 2014**. Used **AngularJS** to implement rich functionality in various pages: form validation, CRUD operations, grid, search, multi-selection, advanced directives, authentication, users switch etc.
* Used **AJAX** module to handle **RESTful** calls to enable communication between view components and servers.
* Developed **Restful Services** using **Web API** that are consumed by various Client applications for routing data between different systems.
* Used **SQL Server services (SSIS**, **SSRS)** for generating few reports.
* Used **TFS (Team Foundation Server)** for all the source code maintenance among the whole team.

**Environment:** .NET Framework 4.5, MVC 4, C#, Web API, AngularJS, AJAX, Visual Studio 2013, TFS, JavaScript, Bootstrap, HTML, CSS, LINQ, Entity Framework, SQL, T-SQL Server 2014, Azure.

**Client: Technosoft Solutions** - **Visakhapatnam**, **India Jun 2014 – Dec 2015**

**Role:** .**NET Developer**

**Description:** Technosoft Solutions specializes in delivering advanced software solutions. Our team excelled in developing tailored applications that optimize business processes and drive client success. I played a pivotal role in developing an e-commerce website, leveraging **ASP.NET** and **C#** for robust functionality implementation. This project included integrating secure payment gateways and enhancing user experience through responsive design and efficient database management.

* Developed a robust e-commerce platform using **ASP.NET** and **C#**, handling high-volume transactions and ensuring scalability through optimized database design and caching strategies.
* Designed and implemented **RESTful APIs**, enabling seamless integration with external systems and ensuring efficient data exchange between client and server.
* Optimized front-end performance and user experience by implementing responsive web designs using **Bootstrap** and **AngularJS**, enhancing usability and accessibility for a diverse user base.
* Utilized **NUnit** and **Mock** for unit testing and mock testing, ensuring code quality and robustness through comprehensive test coverage and continuous integration practices.

**Environment:** .NET Framework 4.0, C#, Web API, AngularJS, Visual Studio 2013, HTML5, CSS, LINQ, Entity Framework, SQL Server 2012, Git.