**Karthikeya Reddy Vasipalli**

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**PROFESSIONAL SUMMARY:**

* **7+** years of experience in all phases of **Software Development life Cycle (SDLC)** involving Analysis, Design, Development, Deployment, Testing and Implementation of Client/Server applications using **Microsoft .NET.**
* Experience in Software Development Life Cycle (SDLC), **Waterfall** and **Agile/Scrum** Methodologies.
* Expertise in developing **Client/Server** Applications on **Three Tier Architecture, N-Tier Architecture, SOA** (Service-oriented Architecture).
* Extensive experience in using **.Net** components: **C#.Net, VB.Net, ASP.Net, ASP.Net MVC, ADO.Net, Entity Framework, LINQ, Web services (SOAP/REST), WCF, WPF, WWF, Web Forms, Win Forms, Ajax** Services**.**
* Experience in developing the web applications using **ASP.NET**, **C#** and database accessing using **ADO.NET**.
* Hands on experience in design using **Object Oriented Programming** Principles like **Encapsulation, Inheritance, Polymorphism, reusability** and **Design Patterns.**
* Extensively developed applications in **WinForms, WebForms, MVC 6.0, MVVM** and Single Page Application Architectural patterns.
* Experience in working with **Microsoft Azure PaaS Services** like Storage (Blob, Table, Queue), Web Sites, Web Roles, Web Apps, Azure Service Bus, Azure virtual network and VM, API Apps, Logical Apps, webjobs, Azure Function, service fabric, Azure AD, SQL Azure, Data Sync, Traffic Manager, CDN, Caching.
* Experience in deploying different web applications on **Web Server– IIS** 8.5/8.0/7.5/7.0/6.0 and also deployed websites and web applications using cloud platforms like **Microsoft Azure** and **Amazon Web Services** **(AWS)**.
* Experience in designing, developing and updating Web-Forms using **.NET** Technologies like **Html, CSS, C#, Ajax, ASP .Net.**
* Experience in working with **Microsoft Business Intelligence (BI)** stack SQL Server Integration Services (**SSIS**) for data integration, SQL Server Analytic Services (**SSAS**) for analytics, SQL Server Reporting Services (**SSRS**) for business intelligence and **Visualization**.
* Experience in using **Language-Integrated Query** (**LINQ** to **Objects**, **LINQ** to **XML**, and **LINQ** to **SQL**) and retrieve data from different data sources.
* Good working experience in .**NET Server Controls, Web User Controls, Data Grid, Web Control,** and Form Validation Controls and created numerous Custom controls.
* Strong knowledge in Web based pages and site design using **UI/Web Technologies** such as HTML, XHTML, DHTML, CSS, Themes, Master Pages, Site Map, XML, XSLT, JavaScript, **Angular JS, Angular2, Angular4, Node JS, Bootstrap, JQuery,** and **AJAX.**
* Extensively & efficiently used **Data Reader** and **Datasets** in **ADO.Net** to retrieve, display, edit and update data in the **database**. And also working knowledge in implementing client-side **JavaScript, JQuery, proficient in HTML, CSS.**
* Good Working Knowledge of **database design and development**, which includes: creating tables, indexes and triggers, views, cursors, performance tuning using **SQL**.
* Excellent analytical skills with proficiency in **debugging and Problem solving**. Involved in **Production support and maintenance** activities.
* Good knowledge in developing applications using Object-Relational Mapper (**ORM**) - **NHibernate**, **Entity** framework.
* Expert in **SQL Server** 2012/2008/2005/2000, **Oracle** 11g/10g/9i relational databases.
* Strong working experience with **Versioning/Version Control** tools Microsoft **Team Foundation Server (TFS), Visual SourceSafe (VSS)** for version controlling of the Applications.
* Hands on experience on web-based repositories hosting services such as **GitHub, Gitlab** and **Bitbucket** with Enterprise Edition as well.
* Experience in using **Build Management** tools like **MAVEN, ANT, NAnt, Make, Cmake** and **MSBuild** for the building of deployable artifacts from source code.
* Experience in development of Hybrid Mobile Web-based application using **ASP.Net**. Good experience on E-commerce applications.
* Expert in writing Complex **SQL** Queries, Stored Procedures, **T-SQL** Statements using them with **ADO.NET**.
* Experience with **XML, Telerik controls, XSLT**, User Controls, Custom Controls, SOAP, WSDL, Web Services, Validation Controls, Authentications like windows authentication, forms authentication.
* Experience in using **Crystal Reports** **2008** and **SSRS** for report generation.
* Experience in **Functional testing, Unit Testing, GUI Testing, Back-end Testing** using **SQL** and **Web Service testing**.

**TECHNICAL SKILLS:**

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| **Operating Systems** | Windows 2012 R2/ 2008/ 2005/ 2003 server, XP/ 2000/ Vista, Windows 7/ 8/ 8.1/ 10 |
| **SDLC Methodologies** | Agile/Scrum, Waterfall |
| **Languages** | C#, ASP.Net, VB.Net, SQL, PL/SQL, Python |
| **.Net Technologies** | C#, ASP.NET, ADO.NET, MVC Frame 2.0/3.0/4.0/5.0, WCF, LINQ, Web Services, Web Forms, Win Forms, Entity Framework |
| **Web Technologies** | ASP.NET, XML, HTML 4/5, XHTML, DHTML, JSON, JQuery, CSS, AJAX, Angular JS, Angular2, Angular4, Node JS, Bootstrap. |
| **Development Tools/IDEs** | Visual Studio 2015/2013/2012/2010/2008 and Visual Basic 6.0 |
| **Scripting Languages** | Java Script, JQuery |
| **Database** | SQL Server, MS Access, Oracle 9i/10g/11g, DB2, MongoDB |
| **Web Servers** | IIS 5.0/6.0/7.0 |
| **Web Services and Protocols** | WCF, SOAP, WSDL, REST, SSL, FTP, TCP/IP, HTTP, HTTPS, XML, JSON, MSMQ, IPC, P2P, TCP, UDP, WebSocket, RabbitMQ |
| **MS BI Stack** | SSIS, SSAS, SSRS |
| **Reporting Tools** | SSRS, Crystal Reports |
| **Cloud Technologies** | Amazon Web Services (AWS), Microsoft Azure ( Storage (Blob, Table, Queue), Web Sites, Web Roles, Web Apps, Azure Service Bus, Azure virtual network and VM, API Apps, Logical Apps, webjobs, Azure Function, service fabric, Azure AD, SQL Azure, Data Sync, Traffic Manager, CDN, Caching) |
| **Testing Tools** | Selenium, Rhino Mocks, MSTest, NUnit, NCover, SOAP UI, XUnit, Jasmine, MOQ |
| **Other Technologies** | VM Ware, SourceTree, JIRA, Endeca API’s (Oracle), Ensighten Platform. |

**EDUCATION:**

* Bachelor of technology –Sri Venkateshwara University College of Engineering, India

**PROFESSIONAL EXPERIENCE:**

**Quill.Com (A Staples.Com subsidiary), Lincolnshire, IL May 2015 – Present**

**Sr.Net Developer**

Worked on the development of the various applications as part of multiple projects at Quill.Com like the ecommerce website for Quill.com and some internal tools for the vast amount of data management for business purposes. Worked closely with business teams to develop analytics framework for the e-commerce site. Was a member of SEO (Search Engine Optimization) team and worked tremendously on making the site SEO friendly for search engines like Google, Yahoo and Bing.

**Tools & Technologies:** Windows, Microsoft Azure, .NET 4.0, ASP.NET, .NET Core, ASP.NET MVC, ADO.Net, C#, HTML, CSS, JAVASCRIPT, JQuery, Angular JS, Angular2, BOOTSTRAP, XML/JSON, SQL SERVER, Visual Studio, Source Tree, Yotpo, Redis, Couchbase, Endeca, Solr, Ensighten Platform, JIRA, SAP API’s, Web API’s.

* Designed and developed Web Applications using Razor Engine, MVC 5 and ASP.Net 4.5 and C#.NET as programming language.
* Created tables and SPs using SQL Server 2012.
* Worked with HTML 5and CSS 3for creating web applications.
* MVC Design Pattern being used to create architecture of the Project.
* Used ADO.NET objects such as Data Adapter, Data Reader and Dataset for consistent data access.
* Used stored procedures, Triggers and views for data manipulation.
* Utilized ADO.NET Entity Framework technology extensively for data retrieving, querying, storage and manipulation
* Used ABC type architecture for Ecommerce site and developed it on .NET Core.
* Used dependency injection extensively in every layer as part of ABC architecture.
* Worked with CouchBase and Redis to do caching in service layers.
* Involved in developing RESTful APIs/Web API and task based asynchronous programming.
* Use LINQ to retrieve the data from the backend through Entity framework.
* Developed an Angular2 workflow manager leveraging Angular-UI's state router for flexible configuration and management of multi-step user input flows.
* Worked on Angular 2 templates using Bootstrap framework, writing clean, well commented code.
* Implemented Model View Controller (MVC) Architecture using Angular JS, enabling multiple developers to work on separate modules simultaneously, reducing effort time for the project.
* Developed Single page web application (SPA) using AngularJS framework and Created AngularJS Controllers, Scope, Model, view, Services, Factory etc., which Isolate scopes perform operations in UI.
* Worked with Azure Service Fabric and performance Tuning.
* Used Windows Azure for service hosting and management, low-level scalable storage, computation and networking.
* Worked on making web pages Responsive for desktop, tablet and mobile using bootstrap.
* Worked with SAP services for Order history and Order processing data.
* Worked with third party vendors like Oracle Endeca and Apache Solr as part of utilizing their API’s to drive the search on Ecommerce site.
* Implemented the rating and review system for the products on the site by utilizing third party API’s like Yotpo etc.
* Experience working with Ensighten tag management technology as part of site Analytics.
* Worked on the Ensighten admin tool to manage JavaScript consumed by the Quill site and also developed the tagging at HTML level as part of Analytics.
* Used Balsamic to create mockups and wire models of the pages needed on site.
* Worked closely with QA team to ensure the Quality of the Delivery.
* Performed unit testing as part of MVC in every project.
* Used google analytics to track the usage stats on the Ecommerce site.
* Implemented table partitioning and sharding for large size tables with products and user info etc., as part of distributed database architecture.
* Worked on the credit card processing integration on the e-com website.
* Worked in agile environment and utilized tools like JIRA for bug management.

**American Institutes for Research, Washington DC May 2014 – May 2015**

**Sr.Net Developer**

**Environment:** Microsoft Visual Studio 2012, .NET 4.0, ASP.NET, VB.NET, C#, ADO.NET,  WPF, XAML,MVVM, LINQ, ADO.Net, Entity Framework, WCF, WEB Service, ASP.Net MVC,  Multithreading,  HTML 5, CSS, XML, AJAX, Java Script, Angular JS, Bootstrap,  SQL Server 2012, SSRS, Windows 7.

* Participated in different phases of the SDLC including: analysis and preparation of design documents pertaining to client requirements, development and testing, attend daily Scrum meetings in an Agile methodology of work.
* Worked with clients for understanding and framing the requirements and preparing Technical Specifications.
* Implemented changes in Coding as per the client requirement.
* Responsible for coding the functionality required by the client.
* Worked closely with QA team to ensure the Quality of the Delivery.
* Designed and developed Web Applications using Razor Engine, MVC 5 and ASP.Net 4.5 and C#.NET as programming language.
* Created Dynamic Mobile views using Angular JS.
* MVVM Design Pattern being used to create architecture of the Project.
* Used ADO.NET extensively for retrieving, querying, storage, and data manipulation for achieving continuous database connectivity.
* Working on synchronizing data model and user interface controls using Node JS.
* Worked on template binding and custom binding in Node JS
* Developing frontend and backend user interface in Angular JS and Node JS
* Generated SSRS reports using SQL Server 2012.
* Designed and created tables, views and SPs using SQL Server 2012.
* Designed RDBMS and develop T-SQL, Functions, Stored Procedures and Triggers using SQL Server.
* Used LINQ Queries to retrieve data from Database.
* Implement Ajax and JavaScript and JQuery.
* Developed Templates using HTML, CSSand JavaScript.
* Used JIRA for tracking defects and business requirements.

**Virgin Pulse, Appleton, Wisconsin**  **June 2013 – May 2014**

**.Net Developer**

**Environment:** ASP.NET, C#.NET, ADO.NET, WCF, HTML, CSS, JavaScript, JQuery, Windows 7, Windows Server 2003, MS SQL Server 2008, Web Services, ,  SharePoint ,Window Services, SSRS.

**Responsibilities:**

* Studied the existing system developed in ASP and involved in the design to maximize the benefits of the OOP, design patterns and .NET 3.5 framework.
* Worked closely with QA team to ensure the Quality of the Delivery.
* Designed and developed UI, Business and Data Access Logic using ASP.NET, ADO.NET, and JavaScript and C # in the .NET 3.5 framework.
* Developed Master Pages, Web Sites, Web Pages using ASP.NET.
* Developed Multithreading modules in C#.
* Developed modules with Win Forms and other GUI components in C#.
* Used HTML, CSS and JavaScript to develop Websites/Templates.
* Created and Maintained Windows services and Web Services.
* Developed WCF Service to integrate between different applications.
* Involved in Database Design, Creating tables, functions and Views.
* Designed RDBMS and develop T-SQL, Functions, Stored Procedures and Triggers using SQL Server.
* Generated SSRS reports using SQL Server 2008.
* Worked with clients for understanding and framing the requirements and prepare Technical Specifications.
* Involved in development of various Bulk Processes which are scheduled applications to perform a specific task like Upload Records, Download Records, Export Report, Send Mail, and Delivery Agent.
* Attended the regular technical group meetings and shared information
* Performed code reviews and code optimizations for performance ensuring the use of standard coding guidelines and best practices.

**Valuelabs, Hyderabad, INDIA**  **May 2011 – May 2013**

**.NET/Web Developer**

**Environment:** Microsoft Visual Studio 2008, ASP.NET 3.5, ADO.NET, JavaScript, SQL Server 2005, HTML, CSS, JavaScript, Crystal Report.

**Responsibilities:**

* Involved in requirement gathering, functional and technical specification.
* Used N-tier architecture for presentation, Business and Data Access Layers using C#.
* Coding and debugging using ASP.NET and C#.
* Developed web forms using ASP.NET server controls and validated client side using JS.
* Designed and developed ASP.NET custom controls and User controls.
* Validation controls were used in every screen to take care of design phase error recognition.
* Coding and debugging using ASP.NET and C#.
* Used ADO.NET objects such as Data Adapter, Data Reader and Dataset for consistent data access.
* Created Data Tables and have written Stored Procedures for all the Transactions in and out of the Database using SQL server 2005.
* Utilized ADO.NET Entity Framework technology extensively for data retrieving, querying, storage and manipulation using LINQ.
* Used stored procedures, Triggers and views for data manipulation.
* Utilized HTML helper in Views to reduce the code thereby reducing the tedious typing of html tags.
* Writing Database routines, stored procedures and fixing up standard specifications.
* Creating reports using the Crystal Report for the report needed by Middle Office, Back Office users.
* Identified researched, investigated, analyzed, defined and documented business processes.
* Involved in enhancing the business layer to provide more interfaces and functions needed for the system.