**Dileep Veldi**

Texas

234-360-0009

[Cveldi.Net@Gmail.Com](mailto:Cveldi.Net@Gmail.Com)

Skype ID: Dileep69

<https://www.linkedin.com/in/dileepveldi/>

**Summary**:

* Over 8 years of experience in .NET framework-based development of various Windows, Web and Service Oriented Applications. Strong experience in all phases of Software Development Life Cycle (SDLC), Agile methodologies, DevOps practices and cloud native application development.
* Professional Experience
* Strong ability to translate and integrate business requirements into a functional application
* Active contribution to the development of optimized solutions and ideas
* Engaging with system users and business analysts to identify system enhancements or new applications to meet business needs
* Documenting quality designs to illustrate system flow along with clear and detailed technical specifications for application development
* Applied experience in most phases of Software Development Life Cycle (SDLC), Agile and scrum methodologies
* Strong analytical and troubleshooting skills
* Expertise in Development, Maintenance & Support engagements
* Extensive experience in designing professional web applications using front-end technologies like HTML5, CSS3, JavaScript, jQuery, AJAX, JSON, AngularJS and Bootstrap
* Experience with working on Client side and server-side validations using JavaScript and validation controls
* Expertise in applying data access technologies Entity Framework, LINQ and ADO.NET
* Extensive experience in developing C# .NET, ASP.NET, ASP.NET MVC and REST API applications
* Extensive experience in building dynamic web view applications, directives, services, and controllers using AngularJS
* Experience on AngularJS Scopes, Models, Services, Dependency Injection, Routing, and Prototyping
* Experience in using AngularJS as a framework to develop a Single Page Application (SPA), which can bind data to specific views and synchronize data with server
* Experience in using various jQuery plugins to enhance the usability, functionality and overall user experience of website
* Experience in Relational Database Design using SQL Server 2008/2012 and above
* Experience in MDM (Master Data Management) and Change point applications
* Experience in hosting WCF service in IIS with machine certificate
* Experience in developing web applications by using ASP.NET MVC (Model View Controller) architecture with Razor View Engine
* Experience in using MVC filters like Exception Filters, Authorization, Action Filters and created custom filters to implement in controller action level and controller level
* Strong debugging skills in both n-tier and distributed applications
* Experience in implementing NodeJS and Web RTC based applications
* Experience with ETL tools like Microsoft SSIS
* Good applied knowledge in Project Management and Risk analysis
* Proficiency in SQL & T-SQL including database development and performance tuning
* Good applied experience in Web Services, WCF, Web Forms, Web Controls, Win Forms
* Applied experience in implementing C# features such as async and await keywords, generics, Iterators, anonymous methods, anonymous types, delegates, lambda expressions, extension methods
* Experienced with DevOps practices
* Experienced with deployments, maintenance and troubleshooting applications on Microsoft Azure cloud infrastructure
* Experience with Infrastructure as Code - ARM Templates/Terraform
* Experience in Git based workflows, branching/merging methodologies and Continuous Integration/Continuous Deployment tools – VSTS
* Experience with maintaining high availability, disaster recovery, auto-scaling and auto-healing
* Experience on Azure serverless with Functions and Logic Apps
* Experience in configuring Application Gateway, Traffic Manager Profile, CDN, Network Security groups, App Service Environment (ASEv2), Azure SQL firewall settings, Key vault access policies, storage account container access policies
* Experience with installing Machine Learning components and configuring gateway to integrate on premise SQL server data with Azure Machine learning studio
* Experience with private cloud and hybrid cloud configurations and practices in Azure web and database deployments
* Experience with Entity Framework data access layer operations like updating models from DB
* Expertise in SQL Server database stored procedures, triggers, user defined functions and complex queries
* Expertise in data warehouse design and reports
* Expertise in code reviews, code coverage, defining coding standards using .NET Technologies
* Extensive experience in handling Internet Information Server (IIS), Virtual directories, Data Transformation Services (DTS) in SQL Server
* Deep understanding of HealthCare, Banking, Real Estate, Education and Social domains
* Experience in coordinating with users, cross-functional teams and handling concurrent assignments effectively with multiple stakeholders
* Excellent communication, written, interpersonal, analytical and leadership skills

**Education**:

* Bachelor of Technology in Information Technology

**Detailed Projects Summary**:

**Client : Toyota Motors North America Mar 2018 – Till Date**

* Serving as a DevOps Architect for key application migration from onprem stack to Azure and team mentoring with technical solutions in an agile environment with cost optimization approaches
* Guiding design and Implementation of DevOps solutions with help of new and emerging concepts
* Delivering applications and cloud-based infrastructure with help of continuous integration continuous deployment pipelines using Visual Studio Team Services (VSTS) with pre-deployment approvers and quality gates
* Integrating Visual studio team services (VSTS) and Azure Subscription with help of Azure App to deploy azure infrastructure and application code using CI/CD pipelines
* Configuring service endpoints to integrate VSTS with JFrog Artifactory, SonarQube, Veracode, External Git(Bitbucket) and Azure Resource Manager
* Managing and accessing Azure key vault secrets such as connection strings (for Azure SQL, Storage Account, Redis Cache), API keys, account credentials, certificates etc;
* Configuring network security groups (NSG) to control inbound and outbound traffic of a subnet
* Mapping existing custom DNS name to Azure web Apps using CNAME records (for subdomain, wildcard domain) and A records (for root domain)
* Configuring, scaling, securing, managing and monitoring web Apps with custom alerts
* Creating deployment slots for load testing, stage environments and swapping staging and Prod environments to avoid downtime
* Developing custom scripts using command line tools Azure PowerShell/ CLI with exception handling
* Creating app services with in internal ASEv2(App Service Environment)
* Configuring application gateway to enable WAF (Web application firewall) along with backend pools, http settings, frontend IP configurations, listeners, rules, alerts, health probes and monitoring diagnostics logs, backend health with help of custom alerts
* Implementing environmental promotions with help of release engineering tool XLRelease
* Building Infrastructure as Code CI/CD pipelines (build and release definitions) to deploy Azure Content Delivery Network, Traffic Manager Profile, DNS Records, Application Gateway, Azure SQL, Redis Cache, App Service Environment(ASEv2) internal, App Services, Deployment Slots, Application Settings, VNET, Subnet with Network Security Groups (NSG) associated with tags like (application ID, organization, project name, environment, resource description, created by, data classification, timestamp)
* Checking traffic with a schedule-based logic app
* Managing mailing requests and processing emails and attachments with a logic app
* Configuring logic app connectors like standard connectors, on-premises connectors and integration account connectors
* Performing data quality tasks including correction, standardization and de-duplication of data
* Creating views and entity models to retrieve or update the database
* Analyse tasks, to make conditional flow before coding and cover all the possibilities
* Creating custom UI controls with help of JavaScript, bootstrap, jQuery and other CSS, JS plugins
* Creating, pushing NUGet packages to JFrog repository and pulling from JFrog repository for sister application pipelines
* Implementing async controllers to leverage thread management
* Implementing Redis cache, Storage Account, KeyVault packages to access from business layer
* Code refactoring based on new cloud-based infrastructure
* Implementing new controllers, actions and models along with database schema updates
* Implementing UI changes using CSS, bootstrap libraries along with JQuery libraries to implement responsive design
* **Technology Stack: Azure PAAS, Terraform, Azure Resource Manager Templates, VSTS CI/CD, JFrog, Bitbucket, SonarQube, Veracode, Azure SQL, Redis Cache, SQL Server 2017, CSS, JavaScript, jQuery, AJAX, Entity Framework 6, Bootstrap, C#.NET 4.5, Asp .Net MVC 5, XLRelease, Azure serverless with Logic Apps and Functions**

**Client : Walmart Dec 2017 – Mar 2018**

* Involved in planning, defining and designing business requirements
* Performing data quality tasks including correction, standardization and de-duplication of data
* Creating views and entity models to retrieve or update the database
* Migrating Quick base tickets to TFS using TFS and Quick base REST API
* Analyse tasks, to make conditional flow before coding and cover all the possibilities
* Integrating team foundation server (TFS) REST API with Azure MVC Web App to display the ticket status to users who do not have access to TFS
* End to end automation by leveraging DevOps toolset
* Integration with desktop applications by leveraging Windows com component classes to interact with desktop applications
* Creating custom WPF form controls for integrating with Auto CAD tool and JDA floor planning tool
* Creating custom UI controls with help of JavaScript, bootstrap, jQuery and other CSS, JS plugins
* Creating nugget packages which are used in sister-based applications
* Migrating on premise MVC based applications to Azure with single sign-on
* Creating reports to represent the target Vs achievement of a specific store or group using google charts and repeater controls
* Implementing web based SVG drawing viewer to toggle individual layers of SVG drawing
* Creating ETL packages with performance as a key factor along with build automation
* Performing load and stress testing for both web based and ETL packages
* Agile based incremental development model leveraged throughout the project
* Leveraging SharePoint for project related documentation
* **Technology Stack: Auto CAD 2015, VB .Net, SQL Server 2017, JDA Floor plan 9.1, CSS, JavaScript, jQuery 3, AJAX, Entity Framework 6, Bootstrap, SQL DQS, C#.NET 4.5, Asp .Net MVC 5, WPF.**

**Client : Microsoft Feb 2017 – Dec 2017**

* Migrated on-prem ASP .Net MVC solution to Azure cloud environment
* Implemented Azure Single Sign-On feature to authorize and authenticate application users
* Configured Azure registered apps with required API permissions and keys
* Using kudu debugging console (CMD or PowerShell) to troubleshoot hosted app by attaching debugger in server explorer after necessary web.config file changes
* Create publish profiles for dev, stage and production environments, restarting app services when required under Azure portal
* Working closely with stake holders and involved in planning, defining and designing business requirements
* Using Team Foundation Server (TFS) to track down work item estimates and status
* Installing Machine Learning components to integrate on premise SQL server data with Azure Machine learning
* Integrating following app Rest API’s with Azure Web App
* Power BI
* OneNote
* SharePoint
* CRM Data
* Creating views, entity models, controllers and view models (data mapping) based on functionality enhancements
* Involved in daily scrum meeting and weekly status meetings
* Creating or modifying table schemas, SPs based on business enhancements or change requests
* Using various jQuery plugins, AJAX to enhance the usability, functionality and overall experience of site
* Used jQuery UI for Dropdown lists, Tables that are generated dynamically
* Developing responsive web pages using Bootstrap 3
* Exporting report data using EPPlus to enable spread sheet formats.
* Creating quality design documents to illustrate how the system works along with documenting clear and detailed technical specifications for application development
* Developing data access layer with help of entity framework for ASP.NET MVC application
* Updating or adding entity models based on database schema changes
* Publishing web application to Azure dev, stage and production environment(s)
* **Technology Stack: C#.NET 4.5, Asp .Net MVC 5, SQL Server 2017, Power BI, CSS, JavaScript, jQuery, AJAX, Entity Framework 6, Bootstrap, EPPlus 4.1, Identity Model 3.5, Owin 3.1, Azure Machine Learning, OneNote, Azure**

**Client : Microsoft Mar 2016 – Jan 2017**

* Developing Power BI reports, dashboards under the workspace and integrating published reports or dashboards with MVC web application
* Agile methodology was followed throughout the project
* Analyse the tasks assigned to make conditional flow before coding to cover all the cases
* Implementing authorization layer and used authorize attribute for required actions or controllers
* Creating application insights for the hosted MVC web app to check the user actions and searches
* Developing responsive web pages using Bootstrap, AJAX and jQuery
* Data profiling before performing data migration
* Creating ETL packages to drive the data from source to destination database with applied business rules
* Enhancing SQL SPs and Table schemas
* Adding middleware components that are compatible with the Azure web app to interact from office applications
* Uploading documents to SharePoint and retrieving them from SharePoint to UI
* Troubleshooting environmental issues
* Responsible for making AJAX Calls for the UI Interactions to the Controller actions using jQuery and getting the data back as JSON and parsing it on to the UI
* Documenting every module or functionality of application
* Documenting troubleshooting steps that might be useful to resolve known issues
* Entity models update based on the Database schema changes
* **Technology Stack: Microsoft Azure, SQL Server 2017, Power BI, CSS, JavaScript, jQuery, AJAX, Entity Framework 6, Bootstrap, C#.NET 4.5, Asp .Net MVC 5**

**Client : FS Energy LLC Sep 2015 – Feb 2016**

* Working closely with business users and involved in planning, defining and designing database based on business requirements
* Used Team Foundation Server (TFS) for source control and bug tracking
* Scraping of consumption data from different vendor websites using C# .Net and Python programs
* Extracting, Transforming and Loading data from source files to target systems using SSIS
* Performing Initial and Delta loads from Primary Database to Secondary Database
* Generating PDF reports for the data using SSRS and C# .Net
* Performing variety of data quality tasks including correction, standardization, and de-duplication of data
* Data cleansing, matching and profiling with the help of knowledge base
* Creating ETL packages with control flows, tasks, containers, data flows
* Handling runtime events and exceptions like OnError, to notify through email or to execute a flow
* Using different data flow transformations including business intelligence, row, row set, split join, auditing and few custom type
* Defining data warehouse (star and snow flake schema), fact table, cubes, dimensions and measures using SQL Server Analysis Services
* Using design approaches including use of descriptive dimension attributes, store additive measures, using surrogate keys and using star schema whenever possible
* Data profiling to analyze data integrity across the systems
* Web forms design enhancement from classical desktop view to device compatibility view by CSS class changes
* Implemented Client side and server-side validations done using JavaScript and Validation Controls
* Created login-based members area that displays ASP.NET pages based on access levels and assigned Roles
* Participation in daily scrum meeting and weekly status meetings
* Creating or modifying table schemas, SPs based on business enhancements or change Requests
* Developing dynamic web view applications using AngularJS
* Excellent experience in writing directives and controllers using AngularJS
* Experience on AngularJS of Scopes, Models, Services, Dependency Injection, Routing, and Prototyping
* Using various jQuery plugins, AJAX to enhance the usability, functionality and overall experience of website
* Responsible for making AJAX Calls for the UI Interactions to the Controller actions using jQuery and getting the data back as JSON and parsing it on to the UI
* Used jQuery UI and AngularJS for dropdown lists that are generated dynamically
* Developing responsive web pages using Bootstrap
* Debugging, fixing bugs and defects for design, CSS3, HTML5, XHTML, and JavaScript
* Creating quality design documents to illustrate how the system works along with documenting clear and detailed technical specifications for development of the application
* Developed Entity framework-based DAL using C#, ADO.Net and Entity Framework
* Publishing web Application on IIS Server
* **Technology Stack: C#.NET 4.5, Asp.net, SQL Server 2012, SSIS, SSRS, SSAS, CSS3, JavaScript, jQuery, AJAX, AngularJS, Entity Framework, Bootstrap**

**Client : JBI Software INC Apr 2015 – Aug 2015**

* Interacting with clients for requirements, discussed the feasibility of requirements, designing the layout of web pages, participating in the development and Key technical analyst role in the inception, elaboration and construction phases
* Active contribution to the development of solutions and ideas that add value
* Involved in creating Server.js JavaScript over Node JS server, to invoke the script using Node JS commands
* Creating a Web Application using WebRTC scripts compatible with different browsers like Chrome, Firefox to access client device microphone and camera for Audio Video calling functionality from browser
* Configuring the Web Application to invoke the Node JS Port
* Exchanging of GUID tokens between Clients with the help of invoking Node JS commands
* Using SignalR NuGet package to display the users online, offline and exchange the messages between the parties connected
* Translating and Transcription of Audio conversation using Google WEB API
* Developed the web pages using ASP.NET, C#, HTML5, JavaScript, XML and CSS
* Storing both Audio and Video conferencing call data using C# .NET
* Designing tailor made websites, according to their specifications using Bootstrap
* Involved in Planning, Defining and Designing database based on business requirements and provided documentation
* Involved in daily Scrum meeting and weekly status meetings
* Creating or modifying table schemas, stored procedures based on business enhancements or change Requests
* Wrote complex PL/SQL queries involving multiple tables inner and outer join in PL/SQL Server
* Involved in Application Enhancements and Support
* Experience in using AngularJS as a framework to develop a Single Page Application (SPA), which can bind data to specific views and synchronize data with server
* Created Angular components like controllers, services, directives and forms to collect different user data and implemented form validation in AngularJS
* Used AngularJS and other front-end libraries and frameworks for developing front end web applications
* Worked with QA team on daily basis in fixing the reported bugs/defects
* Developed database access components using the ADO.NET Entity Framework and utilized LINQ to Entity
* Worked on AngularJS to simplify both development and testing of such applications by providing framework for client-side model-view-controller (MVC) architecture, along with components used in rich internet applications
* **Technology Stack: C#.NET 4.5, Asp.net, SignalR, SQL Server 2012, Node JS, WebRTC, AngularJS, HTML5, WEB API, Entity Framework, TFS, Bootstrap**

**Client : Microsoft Oct 2012 – Mar 2015**

* Design, Code and Test the application with any changes included
* Analyzing business requirements, functional specifications documents, and interaction with client
* Participating in FSD and TSD review meetings and identifying issues at earlier stage i.e., review phase which helps in reducing the code bugs
* Participating in project planning, design and implementation
* Identify interfaces/contracts for business components
* Storing defined set of attributes for Organizational data that is core and common across all Microsoft systems
* Working with WCF Restful and simple ASMX services to retrieve data using XML and JSON
* Retrieving the data from the Microsoft line of business (LOB) and external data providers to create master list of organization data
* Creating Webservices that helps OBA (On Boarded Applications) to publish changes and subscribe to the changes in near real time
* Creating WCF interfaces for OBA’s to create candidate records
* Creating interfaces to link candidate records to existing MIO composite record
* Creating interfaces to create new MIO composite records, publish changes to existing candidates
* Creating interfaces to search for MIO composites based on certain search parameters or lookup the details of an organization based certain lookup keys
* Creating interfaces for OBA’s to Delete, Update candidate records
* Implementing WCF interfaces to fetch organization records
* Configuring interface authorization to different OBA’s using ITAuth based upon their contract
* Hosting WCF service in IIS using HTTPS and maintained authentication with certificate serial key
* Used LINQ for data retrieving, querying, storage and manipulation
* Identification & implementation of interfaces / contracts for business components
* Review & analyze test results and submit defects in VSTS Defect Tracking Tool and report the status to the project team
* SQL stored procedure, functions, Triggers and Complex SQL Queries development
* Hosting WCF service using the endpoint in IIS with machine certificate
* Deploying existing WCF services on Azure cloud
* Configuring Azure cloud service for end-point deployment
* Enabling Open ID and Windows Live authentication in Azure cloud apps
* Writing PowerShell scripts and Imaging services in Azure
* Hosting Application in Azure portal by using web role, Worker role
* Created Cache Memory on Windows Azure to improve the performance of data transfer between SQL Azure and WCF services
* Created a Virtual Network on Windows Azure to connect all the servers
* Analyze escalated incidences within the Azure SQL database
* Working on reducing turnaround times and increase the effectiveness of customer problem resolution
* **Technology Stack: C#.NET 4.5, WCF, WEB STORE (Microsoft Internal Product), SQL Server, LINQ, Azure, JSON, XML**

**Client : Microsoft Aug 2011 – Oct 2012**

* Involved in Planning, Defining and Designing database based on business requirements and provided documentation
* Involved in developing E-R diagrams, logical & physical data modelling, development and implementation of the system
* Designed high level ETL architecture for overall data transfer from the OLTP to OLAP with the help of SSIS
* Experienced in SSIS and T-SQL stored procedures to transfer data from OLTP databases to staging area and transfer into data warehouse
* Used various SSIS tasks such as Conditional Split, Derived Column, lookup which were used for Data Scrubbing, data validation checks during Staging, before loading the data into the Data warehouse
* Worked on ETL to implement the slowly Changing Transformation and to maintain Historical Data in Data Warehouse
* Developed and deployed data transfers packages to the appropriate destinations using SSIS
* Experienced in creating Jobs, Alerts, SQL Mail Agent and schedule SSIS Packages
* Created SQL server dynamic configurations for SSIS packages
* Transformed data from various data sources using OLE DB connection by creating various SSIS packages
* Scheduled the packages to run automatically for incremental data and deployed them to their destination servers
* Developed tables, Views, Stored Procedures, Functions, Indexes and Triggers using SQL Server Management Studio
* Optimized the performance of queries with modifications in T-SQL queries, removed unnecessary columns and eliminated redundant and inconsistent data
* An expert in utilization of data flow items such as ADO.NET and OLE DB sources for data source setups; Lookup component for finding existing rows on production; Derived column for adding
* load dates with in-built SSIS system variables; Multicasting for staging multiple copies of input data; Pivot for financial auditing; Conditional split for facilitating data routes based on various business rules; Data conversion for imported flat file data to be loaded with appropriate data types for SQL Server tables; Aggregate for enabling data aggregation such as SUM, Count, etc. and many more such as Character map, Merge and Merge join
* Involved in creating report models and applying row level security filters for report model
* Strong experience with SQL Server performance tuning and optimization, query optimization, index tuning, caching and buffer tuning
* **Technology Stack: MS SSIS, SSRS, SQL Server 2005, ASP.Net**

**Client : Microsoft Sep 2010 – Jul 2011**

* Engaging with system users and business analysts to identify system enhancements and/or new applications to meet business needs
* Analysing business requirements, functional specifications documents
* Participating in review meetings, interaction with Compuware (Microsoft Client), test plans reviews, and bug triage meetings
* Participating in FSD and TSD review meetings and identifying issues at earlier stage i.e., review phase which helps in reducing the Code bugs
* Creation & execution of unit test cases
* Extensively used datasets, Data table and Data view to retrieve and manipulate data and display it in an ASP.NET page
* Wrote code-behind files in C#.Net server-side processing of pages
* Automating the test cases using "Kahona Automation Framework" (KAF)
* Participating in different kinds of testing like System Testing, Back End Testing, Regression testing, E2E testing etc.
* Review and analyse test results and submit defects in VSTS Defect Tracking Tool and report the status to project team. Generating Daily/ Weekly reports
* Provided UAT support by giving immediate response/resolution to UAT queries
* Understood the Defect management of the company and submitted the bugs as per the company's bug cycle format
* **Technology Stack: ASP.Net 4.0, KAF, C#, SQL, TFS**

**Achievements & Extra Curricular Activities**:

* Rated as “BEST EMPLOYEE” by HCL
* Recognized as “Visionary HCLite”
* Regional Head for Employee Engagement activities in HCL Technologies