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## **Vishal Dhanani (Software Engineer)** **(Microsoft Certified: Azure Developer Associate)**

### **Professional Summary**

- Dynamic, proactive and innovative IT professional, with 7+ years record of success in design and deployment of cutting-edge applications and web-based solutions, using .Net technologies and Microsoft SQL Server Database, for diverse clients.
- Highly effective in driving the software development life-cycle, including requirements gathering and analysis, design, programming, testing, and deployment. Proven ability to optimize, enhance and integrate software to provide new features and improve performance.
- Strong problem solving, interpersonal, communication and collaborative skills to enable seamless cross-functional cooperation and optimal project delivery, in accordance with user and business needs.
- Strong project and program management skills, demonstrated through proven abilities and talent in assessing customer needs, conceptualizing, planning, implementing customer business solutions, and deliver on time.
- Ability to work well under pressure to achieve deadlines, learn & understand new domain knowledge & business processes quickly. Ability to take ownership and manage multiple tasks according to their priorities.

### **Technical Summary**

- Over 7 years of experience in the Software Development using .NET frameworks and SQL Server Database.
- 3 years of Technical Lead experience in handling multiple projects using Agile, Scrum and Waterfall Methodologies.
- Extensive experience in architecture models such as ASP.NET C#, MVC, Service Oriented Architecture, Domain
- Driven Architecture, xUnit Testing and Web Forms model.
- 1+ year of experience in a Microsoft Azure Development such as Azure App Services to deploy highly-available, scalable, and secure applications, Virtual Machines, Azure SQL Database, Database Migration on premise to Cloud etc.
- Successfully deployed many .NET applications on IIS Server as well as on Azure App service at any stage of live environment or user acceptance testing.
- Proficient in SQL Programming to develop SSIS Packages, SSRS Reports, Stored Procedures/Functions, Cursor, Views and Database triggers, MS SQL Server Profiler and Microsoft Power BI reports.
- Excellent Technical skills including exposure to Microsoft Power BI and SSRS Reporting Tools and successfully data handling for large-scale Microsoft Dynamics NAV ERP system to develop Microsoft Power BI and SSRS visualization reports for end clients.

### **Technical Skills**

**Technologies:** ASP.NET 4.5/4.7 (C#), MVC 4, .NET Core 2.1, Micro-services using Docker Container, Node JS using Express, Web Services, Microsoft Azure, Java, C, Web API, LINQ, Angular 6, Entity Framework, ADO.NET, Dev Express Third-Party controls, Automation Testing using xUnit.net, Search Engine Optimization, Google Blogger

**Microsoft Azure Cloud:** Azure App Service, Azure DevOps - CI/CD Pipeline, Virtual Machines, Virtual Networks, Azure SQL Database, Database Migration, Azure Cosmos DB, Azure Functions, Deploy App to Azure, Map Custom Domain, Secure App, Scaling functionality like Vertical Scaling, Horizontal Scaling, and Auto Scaling, Advisor, Alerts, Matrices, Activity log, Service Health, Enables Diagnostic logs, Application Insights

**Web Technologies:** HTML5, CSS3, Bootstrap

**Scripting Languages:** JavaScript, JQuery, Node JS, **Angular 6**, Typescript, AJAX, Jason

**Database:** Microsoft SQL Server, Microsoft Access, Azure SQL Database

**Web Server:** IIS Server7/8.5, XAMP Server

**Reporting Tools:** SSRS Reports, SSIS, Crystal Reports, T-SQL Excel Reports based on Microsoft Dynamics NAV, Microsoft Power BI Reports

**Methodologies:** Agile, Scrum, Waterfall

**Domain Knowledge:** HRMS, Sales, Purchase, Inventory, e-commerce, Legal, Asset Management, Management Information System, Accounting, Finance, Company Secretary, Vendor Management, Job Portals, Restaurants Portal

**Version Control:** TFS, GitHub, VSS, SVN

### **Professional Experience**

**SVTronics, Inc.** - Plano, Texas

02/19-Present

*Senior Software Engineer*

Projects: *Supply Chain and Material Management System; In House Manufacturing Product ERP System; Inventory Automate System.*

- Enhancing “In House Manufacturing Product ERP” Modules by Identifying areas for modification in existing programs, subsequently developing these modifications using solid principles, business-tier components, and database objects using Microsoft platform technologies (ASP.NET C#) and deploy it in the Microsoft Azure App Services.
- Evaluate each module of the ERP system to add more automate functionality such as providing better data insight for material purchase planning, production, and final product shipping estimation to the customer.
- Developing SSRS and Microsoft Power BI reports for the ERP system.
- Provide web application unit testing and identify bugs in application, resolve bugs with permanent solutions.
- Closely worked with end users to develop efficient and effective SSRS and T-SQL based Excel, and Power BI reports to provide a variety of visualizations.
- Possess strong commitment to team environment dynamics with the ability to contribute expertise and follow leadership directives at appropriate times.

**Environments:** ASP.NET C#, MVC, SQL Server Database, .NET 4.5, ADO.NET, Core java, TFS, Java Script, jQuery, AJAX, HTML5, CSS3, Responsive Bootstrap, Web APIs, Microsoft IIS Web Server, SSRS, Microsoft Visio, Entity Framework, Web API, SQL Server Profiler, **Microsoft Azure Development - Azure App Service**, CI/CD, Virtual Machines, Virtual Networks, Azure SQL Database, Deploy App to Azure, Scaling, Advisor, Alerts, Matrices, Activity log etc.

**Rapid Tooling Inc.** - Plano, Texas

02/18 – 02/19

*Senior Software Engineer*

- Analyze, design and customize information systems and developed ERP Packages for accounting, inventory, HRMS, Purchasing and administrative functions in MS .NET, .NET CORE, C# technology with the SQL Server database.
- Leading the team through requirement analysis, effort estimation, architecture definition, design, development, testing and deployment.
- Collaborated with fellow architects to define coding practices, code governance, review process using TFS.
- Develop web APIs over existing shared services to service user actions.
- Perform system administration in SQL Server Database such as Setup, implement backup, recovery of the databases and network system.
- Setup IIS deploy web applications, develop ad hoc programs, SSRS Reports to provide easily decision-making visualizations.
- Created comprehensive and detail multiple layer report with Drill through the facility.
- Possess strong commitment to team environment dynamics with the ability to contribute expertise and follow leadership directives at appropriate times.
- Strong ability to trouble shoot client issues with patience, determination, and persistence.

**Environments:** .NET CORE, ASP.NET C#, MVC4, Razor, Microsoft Azure Development (Azure SQL, Storage, Web apps, web roles, worker roles, Azure functions, App Service, Batch), Azure SQL Database, Visual Studio 2012, SQL Server 2012, .NET 4.5, ADO.NET, Core java, TFS, Java Script, jQuery, AJAX, HTML5, CSS3, Responsive Bootstrap, Web APIs, Microsoft IIS Web Server, Automation Testing, SSRS, SSIS, Microsoft Power BI, Microsoft Visio, Entity Framework, WCF, Web API, SQL Server Profiler

**Dataligence InfoTech Pvt. Ltd. - India**

02/17 – 02/18

*Senior Software Engineer*

- Worked as Senior Software Engineer and part of a corporate team of tech leads responsible for creating solutions.
- Developed Company++ Employee Self Service (HRMS) Web Portal and Created Web APIs for Mobile App to enable seamless access between the applications in SQL Server 2014.
- Extensively worked with MAS Finance Management Information System to gathers data from multiple online systems, analyzes the information, and reports data to aid in management decision-making.
- Developed MAS Finance Legal and Arbitration Web Portal from scratch and successfully deployed it in client's environment.
- Developed MAS Finance Asset Management Web Portal from scratch using Angular 6, Web API and created reports using Third party integration EP plus Tool.
- Developed MAS Finance Resume Referral Web Portal to easily employee can refer their friends for a job.
- Worked as Technical Team Lead using Agile, Scrum methodologies and effectively handled clients' issues.
- Involved in monitoring and controlling the projects to meet its defined scope, quality and cost by driving the development and execution of project plan by working with project team to define, sequence, and estimate duration of activities and determine schedules to meet project objectives.
- Working with senior management and executives for planning project and resources, budgeting and forecasting.
- Worked on a handshake between web server and app server components through remote layer via COM.
- Developed and delivered progress reports, proposals and presentations.
- Well-developed skills in prioritizing, organization, decision making, time management, and verbal/written communication skills.

**Environments:** ASP.NET C#, .NET CORE, MVC4, Dev Express V17.0, EP Plus Third-Party Tool, Bug Zella, Caching, Visual Studio 2013, SQL Server 2014, .NET 4.5/4.7, Razor, core java, Automation Testing using xUnit.net, TFS, JavaScript, jQuery, AJAX, HTML5, CSS3, Responsive Bootstrap, Web APIs, Microsoft IIS Web Server, SSRS, SSIS, Microsoft Visio, SQL Server Profiler, Entity Framework V6.0, XML Fusion Charts, SQL SMS and E-Mail Services

**Mindquadr Solutions Pvt. Ltd. - India**

02/15 – 02/17

*Software Developer*

- Developed and integrated product of Chemical Selling E-Commerce Web application for the Jay Chemical Industries - <http://jayclick.in/>
- Developed Mobile E-Commerce App for Android and iPhone using Web View Controls.
- Created SSRS and T-SQL Based Excel Reports for Sales, Purchase, Inventory management, costing department and HR department.
- Developed Advanced Vendor Management Portal for Internal use of Jay Chemical Company.
- Barcode Laboring & Purchase Orders Web Application developed for Canadian client VOXISM using Integrated MS Dynamic NAV ERP's Web Services and ASP.NET C#, SQL Server 2014.
- Developed Loading-Unloading Web App for manufacturing parts to our client VOXISM in Canada.
- Developed the E-Commerce web app for selling electronics items for the Sales India client and this product is integrated with its MS Dynamic NAV.
- Developed HRMS System for Deep Industries using ASP.NET and MS Dynamics NAV Web Services. Responsibilities:
- Worked as Software Developer with excellent presentation and negotiation skills at client location through directly coordination with a client for requirement analysis, effort estimation, design and development and implementation phases.
- Created .NET components, ASP. NET pages and stored procedures to implement the desired functionality.
- Worked on the critical components and created many reusable components such as error handling, authorization and instrumentation.
- Helped develop detailed project plans for multiple simultaneous projects, resulting in increased visibility of inter-project dependencies and improved development efficiency.

- Execution, as required, of manual and automated software testing in areas involving installation, functional, performance and load, integration and regression testing.
- Perform user-interface (UI) automation testing for client server applications.

**Environments:** ASP.NET C#, .NET CORE, MVC4, Dev Express V17.0, EP Plus Third-Party Tool, Bug Zella, Caching, Visual Studio 2013, SQL Server 2014, .NET 4.5/4.7, Razor, Automation Testing using NUnit, core java, TFS, Java Script, jQuery, AJAX, HTML5, CSS3, Responsive Bootstrap, Web APIs, Microsoft IIS Web Server, SSRS, SSIS, Microsoft Visio, SQL Server Profiler, Entity Framework V6.0, XML Fusion Charts, SQL SMS and E-Mail Services

**Appin Technology Lab. - India**  
Software Developer

06/14 – 02/15

Projects: *Accounting Software for Windows Desktop; Diamond Manufacturing Inventory System; Online Restaurant Portal; SQL Server Authority (My Own Blog) - <https://sql-server-authority.blogspot.in/>; Own client's Blog: <http://www.correctmeifamwrong.com/>*

- Extensively involved in all stages of Software Development Lifecycle. Followed Agile Methodology to implement High Quality Application with handling code by TFS source code control.
- Implemented Remote Validation and unobtrusive JavaScript and JSON.
- Used LINQ to Objects and LINQ to XML to query the data model and manipulate the data.
- Implemented Data Access Layer, Business Entities, Business Logic layer and Service Access Layer using .NET, Entity Framework, and LINQ.
- Used Grid View, Repeater and Form View with extensive data binding to display page and sort multiple records in Web Forms.
- Perform simple to complex test data conditioning, functional, Integration & regression test validations & defect management using various testing tools.
- Empathic listener and persuasive speaker.

**Environments:** ASP.NET C#, Visual Studio 2010, SQL Server 2008, .NET 3.0, TFS, Java Script, jQuery, AJAX, HTML5, CSS3, Responsive Bootstrap, Microsoft IIS Web Server, Automation Testing, Crystal Reports, Microsoft Visio, SQL Server Profiler, ADO.NET, SQL SMS and E-Mail Services, Basic of java

**Spectra Computers Pvt. Ltd. - India**  
Software Developer

06/12 – 05/14

Projects: *Company Secretary Web Portal; School Management System; Chemical Production System.*

- Designed and developed an integrated n-layered web application using ASP.NET and ADO.NET using Agile Methodology.
- Incorporated ASP.NET AJAX Control like Ajax Toolkit, Script Manager, Update Panel and AJAX Timer.
- Created User Controls for better reusability of codes in the application.
- Successfully defined profiles and roles in the configuration file to enable user membership.
- Used SVN for version Controlling and Continuous Integration.
- Created tables, views, triggers, sequences and stored procedures in SQL Server 2008.
- Define strategies, processes, best practices & methodologies using various testing techniques and tools to bring efficiency in testing.

**Environments:** Visual Studio 2010, .NET Framework 3.0, ADO.NET Entity Framework ORM, LINQ, SQL Server 2008 R2, HTML5, CSS3, JavaScript, jQuery, AJAX, SSIS, XML, Automation Testing using NUnit, TFS, IIS, Crystal Report, Google Chart API

## **Education**

Bachelor of Engineering - Computer Science & Engineering from 2010 to 2014 - GPA: 3.2/4 (Throughout Distinction)  
- Gujarat Technological University

## **Certifications and Continuing Education**

- Microsoft Certified: **Azure Developer Associate** by Microsoft on Sept, 18th 2019
- Certified on **ASP.NET Core** by Microsoft Virtual Academy on Nov 25th, 2018
- Certified on **Real-World DevOps** with Microsoft Azure by Microsoft Virtual Academy on Nov 24th, 2018

- Certified on **JavaScript for Experienced Developers** by Microsoft Virtual Academy on Feb 11th, 2017
- Certified on **Querying with Transact-SQL** by Microsoft Virtual Academy on July, 21th 2016
- Have successfully certified for the Courses of **AngularJS, ASP.NET MVC, Designing Solutions for SQL Server, Xamarin** from Microsoft Virtual Academy.
- Participated in “**Wowzapp-2012**”, The Worldwide Hackathon for Windows-8 App Development at MSU, Vadodara.
- Participated in “**Microsoft India Appfest’2013**”, which was also held in other 53 cities of India on February 26th, 2013.
- Participated in the 5-day workshop for “**Windows 8 App Development**” using HTML5, CSS and JavaScript and Introductory Sessions on Different Microsoft Technologies at Parul Institute of Technology.
- Successfully Cleared Examination & Workshop of **PHP – MYSQL and Linux** Online Conducted by IIT Bombay.
- Participated in “**Ethical Hacking**” Workshop held at Nirma University Sponsored by IIT Bombay during Feb 15-16th 2012.