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**AVINASH GUPTA**

**260)-222-7893**

**­­­­­­­­­­­Sr.net FullStack developer**

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**Professional Summary:**

* **.Net full-stack developer** with **8+ years** of experience in all phases of **Software Development Lifecycle (SDLC)** includes **Requirements gathering, Design, Development, Testing, Packaging and Deployment of Client/Server, Web and windows applications using Microsoft Technologies**.
* Extensive experience in developing **Web applications** over **Microsoft.NETframework (Microsoft.NET 4.5/4.0/3.5, Visual Studio 2015,2013,2010,2008**,**C#.NET, ASP.NET, ADO.NET, LINQ, WCF, MVC, WEB API, Web Services, IIS 8.0/7.0/6.0/5.0, SQL SERVER 2014/2012/2008, XML, AJAX, Angular JS,**VB.Net, WPF, Silverlight, ASP.NET Core1.0, SSIS**)**
* Intensive experience working with architectures such as **MVC, MVP and MVVM.**
* Expertise in implementing **Web Services, WCF**, **Web API**, **REST services** which enable data exchange in **XML** and **JSON** formats.
* Experience in **Entity Framework**, **Language-Integrated Query** (LINQ to Objects and json to SQL) and retrieve data from various data sources.
* Extensively used **ADO.NET** to create data access objects.
* Visual studio 2015 and **Xamarin** Studio 6.0 are IDE 's for the development purpose.
* Good experience in **Angular JS**, **Knockout JS, JQuery, Java Script, HTML and CSS.**
* Comfortable experience in Automation Testing using **Selenium**.
* Strong experience in the Design and Development of **Web based Applications, Windows Applications**
* Self-starter, fast learner, proficient in programming logic and easily adaptable to new technological environments and systems with proven abilities in resolving complex software issues
* Good experience in **(OOP) Object Oriented design and programming** Skills.
* Ability to **Analyze, debug and enhance** existing application modules.
* Having Good Knowledge in **Crystal Reportsand SQL Server 2005, WCF.**
* Having Good Knowledge on**Web API**, **AngularJS**, **MVC.**
* Worked extensively in **Agile Methodology environment.**
* Developed Data Access Layer **(DAL),** Business Logic layer (**BLL**) also in implementing Business Processes.
* Knowledge on developing the web application using framework like **Language Integrated Query (LINQ)** and **Entity framework.**
* Experience performing **Unit** and **Integration Testing** in the Development, **System Integration Testing (SIT), User Acceptance Testing (UAT)** including Bug Reporting and Fixing.
* **Excellent communication skills**, **strong organization** and **interpersonal skills** and a very good team player, capable of working independently with minimal supervision, and perform as part of a team.
* Great exposure to the software development methodologies **Agile, Waterfall** and **Scrum**.
* Developed the application using various patterns including **, Singleton, and Dependency Injection**.
* Developed data layer using **Entity Framework** and LINQ to Entities.
* Excellent knowledge and experience in **object oriented programming (OOPS)** and **object-oriented analysis and design approach (OOAD)** and other **OO Design patterns.**
* Strong working experience in managing Security policies including **Authentication**, **Authorization**, **Identity**, **Encryption**, **Personalization**, **Membership**, **Roles**, **Profiles** and Resource Access Control.
* Involved in Front-end development using web Technologies like **HTML5, CSS3, Java Script, XML, J Query, XHTML, JSON, AJAX, Type Script, and Angular JS.**
* Strong experience in C# development and WPF and Silverlight.
* Worked on MVC 4, MVC5, ASP.NET Core1.0 Framework
* Knowledge of version control tools like **TFS, GIT and VSO.**
* Have experience on **Restful** architecture using **Web API**.
* Experience in developing **Single Page Applications (SPA)** using **Java Script** and **Angular JS**
* Experience on SQL Server Database Design, database maintenance and writing **complex SQL queries** using **Joins** and **creating Tables, Views, Indexes, writing stored procedures, Functions and Triggers.**
* Solid knowledge in **language Integrated Query LINQ** (**LINQ to SQL, LINQ to XML, LINQ to OBJECTS and LINQ to ENTITIES)** and **Entity Framework** for data accessing and CRUD operations.
* Experience in developing **SSIS packages** and generating **reports using SSRS.**
* Hands on working experience in using **NuGet** package Manager. Experience in version control using repositories like **TFS (Team Foundation Server), VSO (Visual Studio Online), GIT**
* Good experience in Component-based web development using Angular2
* Exposure to **Model-View-Controller (MVC)** Architecture technology.
* Worked with **Traditional Methodologies (Waterfall, RAD), Agile Software Development Methodology and Test-Driven Development (TDD).**

**Technical Skills:**

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| Web Technologies | ASP, ASP.Net 4.0/3.5/3.0/2.0, AJAX 3.0/2.0, MVC 4.0/5.0/6.0, Web Services, CSS/CSS3, Java Script, Knock out JS, JQuery, Json, AngularJS/Angular2,HTML, REST SERVICES(Web API, WCF), web forms,LINQ,WPF,SilverLight ,TypeScript , ASP.NET Core1.0 |
| Languages | C#, VB.Net, T–SQL, PL/SQL, XML, HTML, LINQ, ASP.Net AJAX, C, C++, JAVA |
| Front End | Visual Studio 2015/ 2013 / 2008 / 2005 |
| Database | SQL Server 2005/2012/2008 (T-SQL, Stored procedures, Triggers, DML, DDL), MS Access, Oracle 10g/9i |
| Middleware | ADO.Net, MSMQ |
| Protocols | SOAP, SSL, FTP, TCP/IP, HTTP |
| XML Technologies | XAML, XHTML, XML, XSL, XSLT, XQuery, DTD’s, Schemas |
| Reporting Tools | Crystal reports 13/10/8.5/8, Data Base Reports, SSRS and SSIS |
| Application Tools | Visual Studio.Net, SQL Enterprise Manager, SQL Management Studio |
| Operating Systems | Windows 2008 XP, Windows 7/8/10, Windows NT |
| Web Servers | MICROSOFT IIS(7.0/6.0/5.1/5.0), Apache Tomcat, Windows Server |
| .NETFRAMEWORKS | .NET Framework 4.5/4.0/3.5/3.0/2.0 |
| Microsoft Office Tools | Microsoft Word 03/07/10, Excel, PowerPoint, Access, Outlook |
| Version Control Tools | Team Foundation Server(TFS), VSO,GIT |

**Professional Experience:**

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| **Client: CVS Health, Bloomington - MN May 2016 – Till Date** |
| Role: **Senior .Net Developer** |

**Responsibilities:**

* Involved in Code Development using **WCF**,**C**#,**AngularJS**,**MVC**,**WEBAPI.**
* Involved in Daily Scrums and Weekly Meetings with the project Sponsors to meet deadline and expectations following Agile Methodology.
* Developed the application using MVP Framework that leverages the Model-View Presenter and implemented the **dependency** **injection** architecture.
* Implemented Restful architecture using**WEB API**Controller to use in the application to populate the data from the database.
* Experienced in Creating user interface using native elements with the help of Xamarin.
* Maintained and enhanced **WinForms** app that interfaces with Prolaw.
* Performed client side and server-side validations in **MVC Razor** using JQuery and AJAX.
* Angular JS **HTTP** Services were made to communicate with **WCF** service and data was retrieved in (JavaScript Object Notation) **JSON** format for display to improve application performance.
* Used Team Foundation Server (TFS) for version control for the source code, maintenance of builds and relevant documents.
* Used React JS to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (**SPA**).
* Involved in Client Interaction and Production support.
* Used Spring **Model View Controller** Framework and Achieved Dependency Injection.
* Migrated the application from Infrastructure as a Service (IaaS) to Platform as a Service (PaaS) by converting existing solution to Windows Azure Worker Role.
* Used AngularJS as the development framework to build a single-page application.
* Used OOPS (object oriented programming) concepts in developing classes. Used ADO.NET Controls like Connection, Command, Dataset and Data reader.
* Experience in using SSIS tools like Import and Package Installation, and SSIS Package Designer.
* Used ADO.NET and **LINQ** to access SQL database via C# database layer.
* Used JavaScript to perform validations and catch the events on client's browser.
* Deployed the tools Microsoft **Azure** Cloud Service (PaaS, IaaS), and Web Apps.
* Involved in Database Development SQLServer 2012.
* Worked extensively on the UI, using CSS 5 and **Bootstrap**.**css** building pages that would work on devices of all screen sizes, seamlessly.
* Extensive use of query tuning and optimizing EntityFramework database access.
* Implemented test driven development using MbUnit, performed validations using Microsoft Enterprise Library 5.0.
* Involved in developing **SSIS** Packages.
* Perform Reverse Engineering by deconstructing the business entity into smaller independent microservices.
* Designed database, created Tables, and written stored procedure and triggers at the back end.
* Written unit tests to verify the functionalities of Business, DAL layers' classes
* Used **SCRUMAgile** methodology for development. Process included iterative development, monthly sprints, daily scrum meetings, and customer managed backlog.
* Designed and developed various **abstract** classes, **interfaces**, **inheritance** to construct the business logic
* Perform Reverse Engineering by deconstructing the business entity into smaller independent **microservices**.
* Effectively used**ASP**.**NETMVC** features like View Bag to pass data from Controller into the view, create multiple views/partial views, layout views and incorporated them into the ASP.NET MVC application.
* Developed web page using AngularJS components like controllers, routers, NG app etc.
* Using **AngularJS**, created custom directives for data manipulations and to display data in company standard format in UI.
* Experience in migrating on premise to Windows **Azure** using**Azure Site Reco**very and Azure   
  backups.
* Involved in executing the test cases and performing Unit Testing and Integration Testing for all the developed modules.
* Perform production Support activities to support the client related issues. (Business Support and Interact with other teams)
* Fixing the problems in**PL/SQL** code and escalating the issues in severe cases to the development and other support teams about possible impact on the appliationcfunctionality.
* Skilled in Designing SSIS Packages to transfer data between servers, load data into database, and archived data file from different DBMS using SQL enterprise manager/SSMS on SQL server.
* Performed unit testing using tool Nunit and performed several integration testingfor **Angular** unit testing.
* Designed and developed the REST based Microservices.
* Responsible for developing a professional development environment to include engineering policies,   
  Test Driven Development and developer training
* Bootstrap scripts to add/remove functions,groups,roles,users.
* Restructured the database for reorganized business entities and transferred/transformed existing data.
* Extensively worked in Client-Server application development using Oracle […] Forms 9i/6i, Reports SQL, PL/SQL, Oracle Import and Export Utilities.
* Management of **Git/SVN** repositories including **iOS/Android**.
* Used Telerik **HTML 5** controls such as Rich Text Editor, Calendar and Grid
* Build and maintain systems with .NET/C#, shell scripting and Windows **PowerShell**.
* Used Ajax to make http calls to the **WebAPI** Controller from frontend.
* Developed dynamic websites using Coldfusion, JavaScript, jQuery and **bootstrap** and other frameworks as they became available to the industry.
* Used various **Telerik** **controls**, developed User Controls to design custom **UI** to meet the requirements and to increase the ease of use for customers.
* Use Configure Mgmt Tool to deploy the Container into every server applicable to run the Microservices.
* Worked directly with outside vendors to implement/troubleshoot all **SAML** integrations.
* Proficient in Foundation, Bootstrap and experience in **Angular2** frontend frameworks.
* Configured **WCF** endpoints, behaviors, Bindings, Defining and implementing contracts.

Environment:.NET Framework 4.5, C#, WCF, XML, LINQ, SQLServer 2012, VS2015, VSO, Web API,TFS,MVC5.0, Angular JS, SSIS

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| **Client: Allstate Insurance, Northbrook - IL Aug 2014 – May2016** |
| Role: **Senior .Net Developer** |

**Responsibilities:**

* Development, Code Review and Unit Testing
* Involved in Clinical Systems Module end to end development.
* Involved in performance tuning of **SQL** and **PLSQL** procedures for enhanced execution using Indexing, Oracle Hints, Materialized views, Table Partitioning.
* Involved in developing User Controls Using **Jquery**, C#.
* Integration of Automated Build with Deployment Pipeline. Currently installed Chef Server and clients
* Worked on TFS-Rally Connector to Synchronize User Stories and Tasks Bi-Directional.
* Migrating existing application into REST based Microservices to provide all the CRUD capabilities
* Involved in developing Client-side script for Clinical information modules using Query and Handlers.
* Involved in Database Development Sqlserver 2008.
* Good understanding of **SOLID** principles and Design Patterns (Repository, Unit of Work, DI etc.,)
* Experience in setting up **SSO** environments and integrating with enterprise applications and middleware applications.
* Test Strategies and Test Plan based on functional and on Technical specification.
* Wide Experience in Build Automation tools like **ANT** and **Maven**.
* Creating a hybrid site based in Wordpress, **Angular** 2**+** and Bootstrap. I created the design mockups with Adobe Photoshop. The CSS and HTML is based on this.
* Uses C# for creation of model and controller.
* Designed and developed the UI using React.JS Framework and implemented MVC hybrid design pattern.
* Wrote **Python** scripts inorder to parse and load the data into the database, from the XML and JSON files, and wrote programs for performance calculations by using NumPy and SQL Alchemy.
* Added Entity Framework data models for our **WebApi** restful service along with the appropriate controllers.
* Created the Data access layer and Data access objects using **ADO.NET Entity** frame work and LINQ to reduce impedance mismatch.
* Part of the team the maintains the company website, using ASP.NET, MVC, JavaScript and Entity Framework, with a Sql Server backend database.
* Published Web services using C#.NET to interact with the other applications and exposed them using SOAP and HTTP. Responsible for developing Application using ASP.NET MVC 5.0 and C#.
* Proven ability in designing and creating automation frameworks for J2EE based applications using Java, JUnit/ TestNG, Selenium WebDriver/IDE/Grid, ANT/Maven and Jenkins.
* Provided high availability for IaaS VMs and PaaS role instances for access from other services in the VNet with Azure Internal Load Balancer.
* Involved in Designing, Developing and Testing of the ETL (Extract, Transformation and Load) strategy to populate the data from various source systems feeds using SSIS.
* Developed applications for IOS and Android using **Xamarin** forms to share average code of 80 -90% between the platforms.
* Work with other REACT team members, providing daily updates and recommendations for care of participants to the program
* Creating SQL, Object Views, and PL/SQL database objects. Written the interface stored   
  Procedures for data transformation.
* Implemented SQLite database with **Xamarin** forms to save necessary information into device local database.
* Ported legacy code from ASP.NET Webforms to MVC
* Prototyped in Angular, DevExpress, **Bootstrap** CSS and JQuery capabilities and designed and developed the Rating site using JQuery UI and JQuery Based Ajax.
* Designed and Architecture of APM, ASM and application delivery network. Designed and installed new VPN solution utilizing F5 APM.
* Integrated Rally Web based agile tool for the TFS Instance to as per the Organization's standards.
* Implemented the **Xamarin** Social component for accessing to Facebook Authentication API
* Wrote Point of Sale software with C# and WinForms.
* Utilized webforms, webcontrols, DataGrids and web.config files to create intranet application.
* Modified and **enhanced** a MS Access database application including writing VBA programming code and SQL Query statements.
* Designed new pages and menus, documents, and webforms.
* Involved in creating our own front-end framework, and using Kentico "widgets" or repeatable components.
* Developing Microservices by creating **REST APIs**for core banking services.
* Used Hybrid Framework of Selenium to get data from Excel.
* Documenting functional and technical specifications of the Legacy power builder Data Entry   
  Application. Attending Agile sprints, SCRUM meetings, daily stand ups.
* My most recent UI effort was using JQuery, Bootstrap and React JS in a Play framework to render responsive pages.
* Preparing well-reasoned decisions basedupon state unemployment law, Employment Security regulations, and Department policy.
* Experience in Data Driven Testing, Cross browser testing and Parallel Test Execution using SeleniumWebDriver, TestNG and Selenium Grid.
* Developed **MVC** application by using Layouts to have consistent look of and to add styles to each page in application. Used front end web development tools like Ajax, CSS, JavaScript, DHTML, and jQuery.
* Designed database, created Tables, and written stored procedure and triggers at the back end.
* Written unit tests to verify the functionalities of Business, DAL layer's classes.
* Involved in Client Interaction and Production support.
* Used **SCRUM Agile methodology** for development. Process included iterative development, monthly sprints, daily scrum meetings, and customer managed backlog.
* Design, deploy, and support technical initiatives for the organization's Business Units. Currently focus is on Azure Cloud for ASM "Classic" to ARM migrations, IaaS administration, and provisioning processes.
* Designed and developed various abstract classes, interfaces, inheritance to construct the business logic.
* Involved in fixing the bugs with the Production Support.
* For Responsive Web design used **Bootstrap** to build grids, layouts and components. Used Bootstrapcomponents like dropdown menus, navigation bar, alerts, and labels.
* Creating Table, Stored Procedures and Functions in SQL.
* Developing **Microservices** by creating REST APIs for core banking services
* Worked on application development/enhancement as per design doc.
* Designed, developed WCF Services using C#.Net and Hosted on **IIS** and Unit tested with **MS Unit Framework**.
* Design and Developing **Microservices**, mock creation using Mockito J-Unit Test Cases
* Worked with Kendo UI for Asp.Net MVC application for developing a dashboard which contains the all the data including internet packages, plans, offers, and price for each internet package.
* Implemented WCF service and Developed callback methods in Class Library project to communicate with different layers.
* Developed web page using **AngularJS** components like **controllers, routers, NG app** etc.
* Performed client side and server-side validations in **MVC Razor using JQuery and AJAX**.
* Used MVC with Razor view engine to design and develop the application.
* Used Ajax to make http calls to the **Web API** Controller from frontend.
* Configured **WCF endpoints, behaviors, Bindings, Defining and implementing contracts.**

Environment:**.**NET Framework 3.5, C#, WCF, ASP.NET, SOA, AJAX 3.5, XML, LINQ, WSSF, WCSF, MVC, SQL Server 2008, MVC4.0, Angular JS, Web API, SilverLight.

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| **Client: Union Bank, San Francisco - CA Mar 2013 – Aug2014** |
| Role: **.Net Developer** |

**Responsibilities:**

* Implemented **SSRS Reports** and built **SSIS Packages.**
* Developed reports using SSRS, Maintained versions with the help of **SVN.**
* Generated **SSRS Reports** using Typed Datasets and Stored Procedures as data sources.
* Participated in writing **Stored Procedures** for performing optimization and other database operations such as complex **SQL queries, Functions** and **triggers** etc.
* Handling change request for enhancing as well as maintaining Consumer Site. These change requests vary from small to complex changes aimed at improving the online experience for consumers.
* Worked on the Legacy ERP System for Lending API.
* Utilized **ASP.NET, C#.NET, Service Oriented Architecture (SOA),Windows Communication Foundation (WCF).**
* Specified, prototyped, developed and tested an object-oriented, multiplatform C++ framework containing support to: data structures, common algorithms sockets, threading.
* Implemented performance based techniques for monetary and the non-monetary transactions.
* Supported the Part of the Manual Testing team for the Implementation of Change Request.
* build team during the UAT and LIVE deployments.
* Performed on Mirroring of root disks using Sun Volume Manager;hardware raid for Linux systems.
* Co-ordinate with the onsite counter parts on a daily basis.
* Interface and communicate with **Test Managers, Dev Managers, IT Ops** and PMO on a daily basis to provide updates on releases and project status.
* Working on Deployment to QA with Configuration settings. Experience with IIS. Fortunately got an opportunity to work closely with QA for bug fixes to ensure the efficiency and accuracy of the code.
* Update day-to-day work status via emails to onsite leads.
* Automated installation of Linux servers using Kickstartand Installation of Solaris using Flash, live upgrades and Jumpstart Servers.
* Implementing enhancements and updates to the Consumer Lending Process.
* Frequent interaction with the Core Logic Business team and the marketing team for understanding their business requirements and convert them in to development tasks.

Environment:ASP.NET, WCF,UI, Restful Services, C#, C++,LINQ, OAuth, IIS Server, HTML, CSS, JavaScript, JSON, Entity Framework, SQL Server, SSRS, SSIS, Unit Testing, Team Foundation Server (TFS), QA.

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| **Client: Add On Technologies, Hyderabad, India Oct 2010 – Jan 2013** |
| Role: **.Net Developer** |

**Responsibilities:**

* Collected the requirements from business team and involved in analysis, design and development.
* Developed **GUI** using **ASP.NET** and implemented the code. Extensively used **ADO.NET** to access **SQL Server database.**
* Used and **Silverlight** for rich UI and **User Experience (UE).**
* Involved in System Study and to produce system maintenance document. Prepared artifacts on common modules, key components and interfaces.
* Windows application development using **C#.**
* Developed **.Net Classes** and domain objects and successfully utilized available Web services
* Developed Web services to communicate with **XML Data** from vendors and process in SQL database.
* Extensively used **SQL Stored Procedures** for accessing the information from **SQL Server 2000 Database**.
* Involved in taking Backups, Restoring, Import/Export data using **MS SQL Server** and **DTS.**
* Experience developing soap based web service and publishing to Windows Azure. Also, have expertise in building and consuming **RESTful** web service(s) using **Web API.**
* Migrated the application from **Infrastructure as a Service (IaaS)** to **Platform as a Service (PaaS)** by converting existing solution to Windows Azure Worker Role.
* Apart from preparing the test plans, coordinated with team of testers to ensure high quality deliverable.
* Responsible to provide system support once the code is migrated to Test, QA or Production environments.
* Involved on migrating SQL Server databases to **SQL Azure Database** using **SQL Azure** Migration Wizard.
* Deployed application to **Azure Cloud**.
* Involved in following organization standards for code development, peer level code walk through and reviews.
* Participated in the maintenance and bug fixing.
* Involved in installation, configuration and Administration of **SQL server 2008.**

Environment:ASP.NET, C#, .Net framework 3.5, Share Point, Visual studio 2008, WSDL, SOAP, XML,XSL, XSLT, JavaScript, VB Script, HTML, DHTML, SQL 2010, QA, TFS, Windows Azure

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| **Client: Silver Cloud Technologies - Hyderabad, India May 2009 – Oct 2010** |
| Role: **.Net Developer** |

**Roles and Responsibilities:**

* Involved in the design, development and implementation of web user interfaces in ASP.NET
* Designed web pages using asp.net.
* Performed Client-side validations using validation controls in ASP.NET
* Wrote Java Script functions for client-side validations.
* Create stored procedures and functions using SQL server
* Written unit tests to verify the functionalities of Business, DAL layers' classes
* Uses an N-tier structure: DAL, BLL, and UI layers

Environment:C#.NET,VB.Net, ASP.NET 3.0, .Net Framework, Visual Studio 2005, ADO.NET, Hash Table