PRATHYUSHA PADAKANDLA

# PROFESSIONAL SUMMARY:

* 6+ Years of experience in software development life cycle involving Architecture, Requirement analysis, Design, Development, Coding, Testing, Maintenance and Implementation of various applications based on Client Server, Web Applications and Business Solutions using C#, ADO.NET, ASP.NET, MVC, WCF, Web Forms, IIS, Entity Framework, SQL Server, and Visual Studio.
* Worked in full life-cycle development of .Net applications, and RDBMS environments.
* Strong Object-Oriented programming skills, design, and implementation.
* Expertise in working with .Net core 2.0 and .NET Framework 4.5.
* Hands on experience in Azure Development, worked on Azure web application, App services, Azure storage, Azure SQL Database, Virtual machines, Fabric controller, Azure AD, Azure search, and notification hub.
* Designed and developed Cloud Service projects and deployed to Web Apps, PaaS, and IaaS.
* Expertise in developing RESTful services using Web API and .Net Core.
* Experience in implementing Windows Communication Foundation (WCF) service for Business Logic Layer.
* Experience in developing Web Application using MVC, ASP.NET, C# .NET.
* Experience in UI designing using HTML, CSS, JavaScript and knowledge on AJAX.
* Experience in developing Web forms, User Controls, Custom Controls and validating user inputs using validation techniques.
* Expertise in working with ADO.NET components such as Dataset, Data Adapter, and Data Reader.
* Working experience with ORM concepts like entity framework to retrieve and modify data from and to database.
* Experience in error handling, debugging coding issues and troubleshooting production issues.
* Strong experience in using the Microsoft Suite (Management Studio, Business Intelligence Development Studio) (SQL) Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), SQL Server Analysis Services (SSAS).
* Expert in creating indexes, Views, complex Stored Procedures, user defined functions, cursors, derived tables, common table expressions (CTEs) and Triggers to facilitate efficient data manipulation and data consistency.
* Good working knowledge in database debugging and tuning using the Query Analyzer, SQL Profiler, and SQL Server Debugger.
* Expert level skills in Data Modeling, Data Mapping, Table Normalization, Optimization and Tuning.
* Methodologies: Comprehensive Knowledge in delivering compelling software solutions through Agile (SCRUM) methodology.
* Performed Unit Testing (using N-Unit and MS-Unit) and involved in Debugging & Supporting the application.
* Knowledge of Continuous Integration (CI) and Continuous Deployment (CD).
* Effective team player and excellent communication skills with insight to determine priorities, schedule work and meet critical deadlines.

# TECHNICAL SKILLS:

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| Languages | C#, Visual Basics, HTML, JavaScript, SQL |
| Web Technologies | MVC, ASP.NET, ADO.NET, CSS, Web Services, WCF |
| Frameworks | .Net Core 2.0, .Net Framework 4.5/4.0 |
| Cloud Computing | Microsoft Azure (IAAS, PAAS) |
| IDE’s | Visual Studio 2008/2012/2015/2017 |
| Databases | SQL Server 2008/2012/2014/2016 |
| Tools and Software | SSIS, SSRS, SSMS, Microsoft Office, Microsoft Project, Minitab |
| Operating Systems | Windows 7, Windows 10 |

# PROFESSIONAL EXPERIENCE:

## UPS (United Parcel Services), Alpharetta, GA Aug 2019 – Mar 2021

**Project:** Mail Innovations

**Role:** .Net Developer

As a .Net Developer, my responsibilities in this project were:

* Worked very closely with Project Manager to understand the requirement of reporting solutions to be built.
* Developed web form using C#, ASP.Net.
* Performed Integration testing on classic ASP pages in IIS Server.
* Modified existing Web Service according to the new requirements using WCF.
* Developed RESTful API using .Net Core.
* Involved in creating the Azure Services with Azure Virtual Machine.
* Involved in developing the Azure Solution and Services like IaaS and PaaS.
* Worked on Microsoft Azure Storage - Storage accounts, blob storage, managed and unmanaged storages.
* Involved in Building and Installing servers through Azure Resource Manager Templates or Azure Portal.
* Created Data Flow Mappings to extract data from source system and Loading to Target.
* Developed SSIS packages to extract, Transform, and Load (ETL) data into the data warehouse database from SQL Server 2012, Excel, and Flat files.
* Developed new and modified existing SSIS packages depending on the changes in requirement.
* Implemented data transfers from production to test environment using Bulk Copy Program (BCP).
* Created scripts to create a table, Stored Procedures, Joins, and views.
* Written new and modified existing stored procedures as necessary based on the requirement.
* Designed, developed, and maintained business intelligence solutions. Crafted and executed queries upon request for data.
* Properly documented activities, changes and database best practices for future reference.
* Used SQL Profiler to view indexes performance to mostly eliminate table scan.
* Scheduled Jobs and Alerting using SQL Server Agent.
* Extracted data from the relational database and preparing reports using SSRS.
* Handled Performance Tuning and Optimization, with strong analytical and troubleshooting skills for quick issue resolution in large-scale production environments located globally.
* Implemented error handling techniques including RAISERROR, system variables, and try-catch.
* Managed Team Foundation Server for check-in, check-out, and code collaboration between environments.
* Actively participated in Methodologies like Scrum (Daily stand ups to give the progress of the work for the week) and Sprint for two weeks.

**Environment**: Visual Studio 2017, C#, ASP.Net, .Net Core, WCF, Microsoft Azure, Storage Blob, Azure API Management, Azure Service Bus, SQL Server 2016, SSIS, SSRS, TFS.

## Opel Systems, Atlanta, GA Aug 2017 – Jul 2019

**Role:** .Net Developer

As a .Net Developer, I was responsible for three modules including UI, Business Service, and Database communications for the banking application. My responsibilities in the project were:

* Involved in designing the architecture of the application modules and responsible for any changes adopted.
* Involved in the full development life cycle which includes requirement analysis, design, and development of web applications.
* Gathered business and technical requirements from the business users.
* Analyzed the business/system requirements and developed technical specifications for business applications.
* Designed and developed Web Forms using C#, ASP.Net, MVC.
* Developed RESTful services using C#, Web API and .Net Core.
* Developed Web Services using WCF.
* Used EF Core to interact with SQL Server.
* Deployed Azure IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets.
* Deployed Azure IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets.
* Manage the Windows Azure infrastructure for our customers depends on their requirement.
* Worked on TFS version control to check-in the code and have used the merging branch techniques.
* Examined execution plans, created covering indexes and filtered indexes when necessary for Tuning SQL queries.
* Involved in automating SSIS packages using SQL server agent jobs.
* Developed, deployed and monitored SSIS Packages for new ETL Processes and upgraded the existing DTS packages to SSIS for the on-going ETL Processes.
* Created the SSRS reports based on the customer specifications (Standard /Custom reports).
* Improved the performance of SSRS reports by tuning the Stored Procedures and TSQL queries using various join conditions.
* Created, executed and tested certain test cases for developed modules.
* Worked within the team to conduct a periodical technical review for the improvements.
* Worked with cross-functional team members to conduct reviews.

**Environment**: Microsoft Azure, Azure Container Registry, Cognitive Search, Azure API Management, Visual Studio 2017, SQL Server 2014, .NET Core 2.0, Web API, REST, EF Core, SSIS, SSRS, TFS, MS Test.

## IGATE Global Solutions (now acquired by Capgemini), India

### Project 1: Auto Quote Purchase Jun 2015 – Dec 2016

**Role:** .NetDeveloper

As a .Net Developer, I was responsible for designing and developing 3 tier web applications including UI, Business Logic, and Database activity of an auto Insurance project.

* Worked on collecting requirements from the business users.
* Developed the work plan for designing Web applications.
* Designed Web Applications by gathering the required functionalities and specifications.
* Designed the application as a three-tier application with UI in the presentation layer, Business logic in the middle layer and Database activity in the third layer.
* Designed and implemented User Interfaces using HTML and CSS**.**
* Applied Themes and used Cascading Style Sheets (CSS) to control the styles and layouts of multiple Web pages.
* Worked on JavaScript for Client-Side Validations.
* Involved in back-end development using MVC, ASP.NET**,** C#.NET.
* Used ADO.Net to interact with SQL Server.
* Data grids, Datasets were used extensively to display various SQL Server elements and allow real-time updates.
* Used SOAP and REST services for requesting information from endpoints.
* Modified Web Services to interact with the other applications and exposed them using SOAP HTTP.
* Involved in Planning, Defining and Designing database depending on business requirements and provided the documentation.
* Involved in Creation of database, tables, stored procedures, triggers, and user defined functions for dealing with the given data.
* Worked on stored procedures, advanced queries, views, and indexes for query optimization for the SQL Server databases.
* Query tuning based on query execution plans, statistics, and profiling.
* Optimized the performance of queries with modification in T-SQL queries, normalized tables, established joins, and created indexes.
* Developed SSIS packages to load the data to SQL Server from other data sources.
* Used SQL Profiler for Performance monitor to resolve Dead Locks and long running queries by checking appropriate changes to Transaction Isolation levels.
* Designed and Developed Complex SSRS reports.
* Created, executed and tested certain test cases for developed modules.
* Offshore - Onsite coordination that includes conducting daily stand-up meetings and analyze, prioritize and distribute the work for the day among the team and ensure its completion.

**Environment**: Visual Studio 2012, SQL Server 2012, .NET Framework 4.5, HTML, CSS, JavaScript, C#.NET, MVC, ASP.NET, ADO.NET, Web Services, SSRS, SSIS.

### Project 2: Kronos Workforce Development Jan 2014 – May 2015

**Role:** .NetDeveloper/Tester

As a .Net Developer/Tester for a migration project (migrating from PL/SQL to SQL) which mainly deals with timecard activities of all GE employees, I was responsible for creating the configuration for the hourly employees and providing all possible test cases for the configuration. My other responsibilities were:

* Created, executed and tested certain test cases for various modules (Time & Attendance, E-Supervisor, Activity, Vouchering) in Kronos application.
* Validated Configurations and Employee profiles in WIM (Workforce Integration Manager) Interfaces.
* Created multiple macros in VB to automate some test executions and to generate application performance reports.
* Involved in all testing phases: Smoke Testing, Functional Testing, System Testing, Performance Testing, Regression Testing, Integration Testing, and Quality Assurance Testing.
* Experienced in performing GUI, Ad-hoc, Functional, Integration, System, Database/Backend, and Regression Testing.
* Excellent understanding of Software Development Life Cycle (SDLC) and Test Methodologies.
* Performed back-end testing using SQL queries to validate the data in the back-end SQL Server.
* Created Test Plan, Test Cases, and Test Script documents to test the applications based on the business requirements.
* Used HP Service Manager for opening Incidents for the issue identified as the part of test cases.
* Conducted facilitations with multiple development teams for critical issues and helped in getting them resolved with their SLA.
* Analyzed and documented detailed program information while working and interacting with software developers and members of various other dependent departments.
* Participated in status reporting, project meetings and project planning with the team.
* Worked alongside Manager in translating high-level business requirements into test scenarios.

**Environment**: Kronos version 7.0, WIM Interfaces, HPSM, Visual Studio 2008, SQL Server 2008, VB.NET.

### Project 3: Online Banking Application May 2013 – Dec 2013

**Role:** Jr .Net Developer

As a Jr .Net Developer, I was responsible for redesigning the Home Banker portion of the application according to the new business specifications. My responsibilities were:

* Involved in requirement gathering, analysis, design, code, Implementation, and deployment.
* Created detail design documents based on functional requirements.
* Developed the application as a 3-tier application with User Interface in the Presentation layer, Business logic in the second layer, and Database activity in the third layer.
* Developed presentation layer using HTML, CSS, and JavaScript.
* Used Cascading Style Sheets (CSS) for a unified look and feel of the application.
* Worked on Client-side validations using JavaScript.
* Developed a Business logic layer using C# and ASP.NET.
* Involved in creating classes and interfaces using C#.
* Developed Web Services in C# and implemented SOAP for information exchange across applications.
* Designed and developed ASP.NET User controls and used ASP.NET web form controls.
* Used ASP.NET validation controls for validating the input data.
* Developed Data Access Layer using ADO.NET Entity Framework.
* Involved in writing stored procedures and queries using SQL.
* Written test cases for each module in the development using NUnit testing.
* Designed and developed databases with the best practices of data modeling and data normalization.
* Developed and optimized database structures, stored procedures, Dynamic Management views, DDL triggers and user-defined functions.
* Performed data extraction, transformation and loading (ETL) between systems using SQL tools such as SSIS.
* Developed several complex data verification reports using SQL Server Reporting Services (SSRS).
* Used SQL Server Integration Services (SSIS) to load data from source files to target tables.
* Developed several complex data verification reports using SQL Server Reporting Services (SSRS).
* Provided weekly status updates to Project Manager and Team lead.

**Environment:** Visual Studio 2012, SQL Server 2012, .NET Framework 4.0, HTML, CSS, JavaScript, C#, ASP.NET, SSIS, SSRS, NUnit.