# MCP(rgb).pngSWAPNA KOTLA

**FULL STACK .NET DEVELOPER**

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**PROFESSIONAL SUMMARY:**

* **8 years** of Professional .Net Development experience in all phases of **SDLC** (Software Development Life Cycle) such as **planning, analysis, design, implementation**, testing and maintenance of Web Based and N-tier Architectures in domains like Finance, Insurance, Healthcare, IT using Methodologies Like **Agile (Extreme Programming, Scrum),Waterfall Model** and **Test Driven Development TDD**.
* Experience in advanced **JavaScript/UI** frameworks like **Angular JS, Bootstrap/UI, JSON, JQuery**
* Incorporated many rich, user friendly, responsive features in the application using **Angular JS, HTML5, JQuery, Telerik Controls, Ajax, CSS3**, and Bootstrap in process of Developing Single page Applications (SPA).
* Created Single page applications using **Angular JS, Node JS, HTML5, CSS3** and Bootstrap and for enhancing the performance and look and feel of the webpage Extensive Experience with ORM technologies like Entity Framework Code first /Database first Approach and performance tuning in Entity framework 6.
* Expertise knowledge on **Object Oriented Programming (OOPS)** Concepts including Inheritance, Abstraction, Encapsulation and Polymorphism, good experience in Exception Handling, Debugging and Tracing concepts.
* Highly Knowledgeable in **ASP.NET MVC 6.0/5.0/4.0/3.0** in implementing **Model, View** and **Controllers** with State Management, Security, Action methods Including Creation of Partial Views, Strongly Typed Views, Filters Routing etc.
* Leveraged the introduction of **Web API Controllers (Web API 2)** in **ASP.NET MVC 5/6** to build, maintain **Restful API’s** and also consume the API’s client side using **Angular JS** data binding**.**
* Experience in working extensively with **ADO.NET** objects such as **Data Adapter, Dataset,** and **Data Reader** to interact with databases like **SQL Server 2008/2005/2000 & Oracle 11g/10g/9i/8i.**
* Hands on experience with SQL **Server Reporting Services (SSRS), SQL Server Integrating System (SSIS) using SQL 2008/2005.**
* Extensive working experience in unit testing framework – **Integration Testing, MS Unit Test, NUNIT.**
* Experienced in Using Various Version Controlling **Team Foundation server** (**TFS), Visual Source safe (VSS), GIT**.
* Experienced in Implementing **WCF** services and consuming using different protocols and implementing features like Debugging, Performance, and Security and creating **Service, Data, Fault** and **Message Contracts** and services.
* Extensive Experience in Creation of **Stored Procedure, Views, Triggers, Functions, T-SQL, PL/SQL, Indexes, Cursors, Performance Tuning, and SQL Profiler**. Including writing of complex queries using **SQL**.
* Experienced in creating and maintaining the Documentation of the Projects related information like Architecture, development Details to SharePoint.
* Worked Extensively with **Production Support Team** 24x7 in debugging the issues and Fixing them based on Priority levels.
* Excellent **Verbal Communication, Written**, **Analytical Skills** with a customer service oriented attitude and worked with the offshore team as onsite coordinator to provide the update on the daily basis.

**TECHNICAL EXPERTISE:**

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| **Operating Systems** | Windows 2010, 2007 R2/2008/2003, XP, Windows 7, Vista. |
| **Programming Languages** | C++, C#.Net(4.0/3.5/3.0) ,VB6, VB.NET(10.0/9.0/8.0),HTML, T-SQL, PL/SQL |
| **Web Technologies** | ASP.NET(4.5/4.0/3.5/3.0/2.0),ASP.NETMVC,Silverlight4.0/3.0,Ajax,JavaScript, JQuery,VB Script. |
| **IDE Tools** | Visual Studio 2015/2013/2010/2008, SQL Server Management Studio 2014/2008. |
| **.Net Frameworks** | .Net Framework 4.5/4.0/3.5/3.0/2.0 |
| **Databases** | MSSQL SERVER 2014/2012/2008/2005,MSAccess 2010/2007/2003,Oracle 11g/10g/9i/8i |
| **Reporting Tool** | SQL Server Reporting Services(SSRS 2014/2012/2008/2005),Crystal Reports (2014/2012/9/8.5/8) |
| **Modeling Tools** | UML,MS Visio 2010/2007 |
| **Version Control Tools** | Visual SourceSafe, Subversion, Team Foundation Server(2015,2013,10,08),GIT |
| **Middleware** | WCF,ADO.NET 4.0/3.5/3.0,Web API, Web Services, Entity Framework 6.0/5.0 |
| **Servers** | Windows Server 2008/2003/NT, Microsoft IIS(7.0/6.0/5.0/4.0) |
| **Other Utilities** | Nant, gacutil, Ants profiler, FxCop, Resharper0(8.1), Style Cop, Nugget packages. Splunk, Dynatrace, VS performance Analyzer, JIRA. |

**EDUCATIONAL QUALIFICATIONS:**

Bachelor of Computer Science

Loyola Academy, Osmania University

**WORK EXPERIENCE:**

**Equifax, St. Louis, MO Jan 2017 – Till Date**

**Role: Full Stack .Net Developer**

**Responsibilities:**

* Responsible for designing the **ASP.NET** application authentication using **.NET Framework**, Model View Controller **MVC 5/6** and **IIS security model.**
* Actively involved in coding and designing using **C#, XML, JavaScript, HTML5,** and **Cascading style sheets (CSS3).**
* Created various **Angular** Services & injected them into **Angular Controllers** (using **Dependency Injection**) to enable **AJAX** calls and created **custom angular directives** to create own HTML tags and induce some kind of functional behavior to those tags.
* Responsible for Designing and Developing the Reusable UI Components Like MVC Master Pages **“Layouts and Nested Layouts”**, **“View Start”** and MVC User Controls **“Partial Views”**
* Developed **WCF service** endpoints and exposed them over default protocol (soap over http) settings.
* Designing **WPF** Forms, Custom Controls and User Controls using XAML language for interactive UI.
* Expertise AngularJS controllers, directives, filters, factory and service resources, routings and events.   
  ● Experience in building application using the MEAN stack: MongoDB, and Angular2, Express.js and Node.js to generate RESTful API's
* Using tools such SVN, Ms SQl, C# for managing and building complex applications.    
  Maintenance of existing application both in codes and configuration
* Used the latest **WPF/XAML** vector based UI framework for the front end and WCF to implement the various services.
* Implemented **MVVM** pattern for development.
* Created proof of concept for implementing views in **Angular JS** rather than using razor for development
* Created SQL Stored Procedures , Views, for TSQL queries for Reporting Services   
  • Scheduled Reports on Daily, Weekly, Monthly basis
* Responsible in developing **Stored Procedures, Views, Indexes, Scripts** for database transactions on SQL Server 2012.
* Developed the web services using **Web API** and implemented **ADO.NET** Entity Framework to model and manage the data from SQL Server.
* Extensive experience CRM Development and Deployment.   
  • Worked in functional areas of Contact Management and Data Collaboration design development and deployment using CRM Technology.
* Having the knowledge and installation for the Microsoft office 2016 and office 365. administration of windows server 2008, administration of all versions of windows. laptop and desktop maintenance hardware and software. Wireless switch and router installation
* Built **SSIS packages** to transform data to various platforms and developed deployed and monitored **SSIS packages.**
* Verify all required the HIPPA authorizations for personal medical history requests are completed acurately. Pulled requested files and forwarded to Healthport distribution facility
* Implemented **AJAX** functionality using Angular JS HTTP Provider to load contents individually in different partial views to minimize loading time and for better user experience.
* Implemented the **Entity Framework** Code First Approach to interact with Database and also implemented the Mappings, Model Changes, CRUD operations and dealt with performance issues.

Development VB.Net,Asp, Asp. with C#, CSS, HTML, Java Script, SQL Server, 2008   
• Implemented application security by implementing user, roles, security access and user configuration

* The Security monitoring and intrusion detection with IDS/IPS and juniper SRX service devices

Implement and deploy the Microsoft CRM 365   
 Understand client functional requirements.   
 Perform gap analysis between a client's requirements and the functionality within Microsoft Dynamics

* Created the **Web API** controllers in **ASP .Net MVC** to build, maintain Restful API’s, also consumed API’s client side using **Angular JS** data binding.
* Used custom error handling in **web API** to pass proper error message rather than generic error message to better understand the error.
* Successfully dealt with production related issues for this application and submitted the deliverables on time that reduces the business impact.
* Performed complex parameterized **SQL queries** to multiple tables in SQL server 2008 and implemented **Joins** in **Stored Procedures** to get the desired data by joining multiple tables in Domain layer.
* Created complex SQL Stored Procedures , Views of TSQL queries for Reporting Services
* **Unit tested** various components of the program to make sure all the components were behaving properly.

**Environment: Visual Studio 2015/2013, C#, ASP.Net 4.0/3.5, WCF, WPF, Web API 1.0/2.0, jQuery, Angular JS 1.0/2.0/3.0, Node JS, IIS 6.0, AJAX, ADO.Net Entity Framework 6.0/5.0, LINQ, XML, NUnit, XML, HTML, Bootstrap, Microsoft Enterprise Library, Oracle 11g, HIPAA**,**NUNIT, SQL Server 2008 R2, BizTalk, Windows Server 2012.**

**Best Buy, Tampa, FL May 2015 –Dec 2016**

**Role: .NET Developer**

**Responsibilities:**

* Involved in the complete **Software Development Life Cycle** including Analysis, Design, Implementation, Testing and Maintenance.
* Developed solutions for diverse programming scenarios in **VB.Net**, employing **Object Oriented Programming (OOP)** concepts such as: encapsulation, inheritance, polymorphism, and abstraction. Architected and developed multiple-company website using ASP.NET, C# .Net 4.0 framework, .net Web Services.
* Implemented changes in coding and designs using knowledge ofVB.Net.
* Extensive Experience in Implementing **View, Model, Controller and View model** by using **ASP.Net MVC 4.0/3.0** Framework**.**
* Used **ASP.NET MVC4** Page Controller pattern to add functionality to individual pages such that to accept input from the page request, invoke the requested actions on the mode.
* Implemented UI layer using **Partial views,views, Layouts, Themes by using Razor, Bootstrap, HTML5**.
* Extensive experience in developing web pages using HTML5, CSS3, JavaScript with ES5 and ES6, TypeScript, jQuery, Angular2, Angular ,REACT JS, Redux, Node.
* Expertise in the REACT JS framework to develop the SPA working with REACT Flux architecture.   
  • Expertise in creating Custom Reusable for REACT Components Library. Development of Web Services (Rest API)in C# MVC   
   Manages the existing system C# MVC Asp.net application
* Created **Html Helpers** in order to reduce the amount of tedious typing of HTML tags.
* Used **JQuery** to perform validations and catch the events on client’s browser.
* Implemnted Popup Calendar **for JQuery UI Datapicker using HTML5, JQuery**.
* Responsible is using **JQuery** for Client Side Validations, Calling the Controller Actions, and Making calls to the **WCF** Services.
* Used **WPF** for creating, and improving certain user controls features including context menu items, which involved the use of XAML code.
* Used **MVVM** pattern while building **WPF** application.
* Used hibernate, **WPF** and **WCF** to communicate between **DAL** and other business components.
* Used Fiddler to analyze request and response of **Json** data from the controllers to Web API's.
* Developed **Entity Framework 6.0/4.3** and made LINQ queries to connect to the database and implemented CRUD functionality with **Entity framework**Code First and Database First approaches with **ASP.NET MVC 5.0/4.0**.
* To retrieve the data in the form of objects and properties, such as customers and customer addresses, without concerning them with the underlying database where this data is stored using **ENTITY FRAMEWORK**.
* Implemented the **WCF** Data Contracts versioning by using Knowntypes and **IExtensibleDataObject**, Ordering and enforcing required data when contracts consumed by clients.
* Created **WCF SOAP, WCF REST Services** and also used different bindings to make it available to different types of clients.
* Developed **WCF** Services for building applications that send and receive messages by using the Simple Object Access Protocol **(SOAP) over HTTP.**
* Exclusively used **JQgrid** to display and save data, along with various **JQgrid** features like load once, custom formatter, and custom alignment
* **Developed Stored procedures, views for data manipulation**, ensuring set up relations includes indexing, constraints, and foreign keys in **SQL server**.
* Developing **SSIS packages** for integration with downstream / upstream application and generating reports which could be sent to other Systems.
* Architected and developed multiple-company website using ASP.NET,C# .Net 4.0 framework, .net Web Services.

Development of Web Services (Rest API) the C# MVC   
• Manages the existing system the C#  MVC Asp.net application

* Used **SSRS** to create reports, customized Reports, on-demand reports, ad-hoc reports and involved in analyzing multi-dimensional reports in **SSRS.**
* **Performed Unit testing, Integration is testing** and **Regression testing** by applying test cases.
* Developed Web applications using C#, ASP.Net.   
  • Used in built ASP.Net Login controls to authenticate users.   
  • Used Cookies to hold the Site variables.
* **Work** with Product management on product feature requirements definition and refinement. **Used TFS for Agile Planning and collaboration.**

**Environment: Visual Studio.Net 2013, VB.Net, ASP.NET 4.5/4.0, WCF, WPF, Java Script, JQuery, XAML, TFS 2010, WCF, WCF REST, JSON, SOAP, IIS 7.0, AJAX, LINQ, HTML, XML, SQL Server Integration Services, NUNIT, SQL Server 2008 R2, Windows Server 2008 R2/2008.**

**Smith & Nephew, Memphis, TN Jan 2014 – Apr 2015**

**Role: .Net Developer**

**Responsibilities:**

* **Participated** in daily **Scrums** with the whole team to discuss about the progress of the application development, specks to be taken care and specks that already completed.
* Used **ASP.NET MVC** Page Controller pattern to add functionality to individual pages such that to accept input from the page request, invoke the requested actions.
* Responsible for designing the ASP.NET application authentication using .NET Framework, **Model View Controller MVC** and **IIS** security model.
* Used **ASP.NET MVC** framework to support the use of **Dependency Injection** to inject objects into a class, instead of relying on the class to create the object itself.
* Experience in working with **Web API** technology to create **HTTP services** using **REST** and content negotiation was done using this concept.
* Experience in working with **JavaScript** Frameworks like **Angular JS** which simplifies JavaScript object bindings with **HTML** Elements and client server communications.
* Worked on **IOC (Inversion of Control)** during isolation of the code while **creating Unit tests and** also used **dependency injection pattern** which avoids tight coupling with software components.
* Implemented **WCF** services and better logging, exception management support to help in the premature detection of new problems.
* Created complicated reports like parameter based reports, sub reports, well formatted reports, matrix reports, chart and tabular using **SSRS 2008**.
* Developed the independent **RESTful WCF** (Windows Communication Foundation) services and defined Service Contracts for specific functionality in project search module.
* Developed **ASP.NET MVC 4** applications using Code First Approach in **Entity Framework 4.0** and UI in Razor View Engine.
* Extensively used Report Wizard, Report Builder and Report Manager for developing reports and deploying reports in **SSRS**.
* Performed database operations on **SQL Server 2012** by creating SQL queries, stored procedures, functions, indexes and views.
* Involved in Unit testing, Functionality testing, Integration testing and User Acceptance Testing (UAT) and also involved in bug fixing.

**Environment: Visual Studio 2012, C#, ASP.NET 4.0/3.5, MVC 4, Razor, Angular JS 1.0 , JQuery, XAML, TFS 2010, IIS 7.0, AJAX, ADO.NET Entity Framework 6.0, LINQ, JSON, Microsoft Enterprise Library, NUNIT, SQL Server 2008 R2, Conges Windows 7, Moq.**

**Audible Inc, Newark, NJ Nov 2012 – Dec 2013**

**Role: .Net Developer**

**Responsibilities:**

* Implemented **n-tier** architecture by separating the **User Interface (UI), Business** and **Data layers.**
* Built reusable modules for custom solutions to achieve code refactoring saving development time.
* Extensively used **Telerik objects** like Rad Date Picker\Panel Bar\Menu\Combo Box\Grid to meet performance issues.
* Design and developed online business application using the **Silverlight 3.5.**
* Intensively working with Expression **Graphic 3.0** for graphic design for Silverlight Developing and Visual Studio 2008 for **Silverlight (XAML)** programming in **C#** for dynamically generating components in front **Silverlight.**
* Master and Content pages to accommodate cross browser references using **CSS**
* Extensively worked with the **jQuery Selectors**, Events and **Ajax** Calls etc, and client side operations.
* Created and consumed **WCF Web Services** to expose the application functionality for different applications using a **Service Oriented Architecture** (SOA).
* Written **T-SQL queries, Stored Procedures**, Cursors, triggers to handle the business rules data integrity and for various data transactions and also generating reports.
* Extensively used **XSLT** for transforming the data and XML manipulation in Business Layer.
* UI (User Interface) was developed using **ASP.NET web server controls, JQuery, JavaScript, HTML, XDSL, XML, XLS and DHTML and Cascading Style Sheets (CSS)**
* Designed database in **MS-SQL** and created stored procedures, functions, views to reduce the complication of front-end SQL queries and triggers to enforce entity relationships.
* Implemented Data Access Layer using **Entity Framework** Database first Approach and worked on CRUD operations, Changes in two directions.
* **Team Foundation server** is used as source code repository and to maintain the tasks related to the project and setting up automated builds in TFS.
* Developed presentation layer using server-controls, **HTML** controls and **user** and **custom** controls.
* Used various **ASP.NET** web server controls that included **Site Map Path**, **Menu**, **Tree View**, **Grid View** and **Details View** to develop web forms.
* Served as a resource to all teams in evaluating and proposing technical alternatives for resolving various project issues.

**Environment**: **ASP.Net 4.0, VB.Net, SQL Server 2008, JavaScript, JQuery, Visual Studio 2008/2010, .Net Framework 3.5/4.0, Enterprise Library 5.0, IIS 7.5, Team foundation server 2010, WCF SOAP/REST,ADO.NET Entity Framework 4.3 N-Unit test scripts, Telerik Controls.**

**VNS IT Solutions, India** **Oct 2010 – Sep 2012**

**Role: Jr.Net Developer**

**Responsibilities:**

* Responsible for developing **GUI** Screens for gathering and storing the information.
* Coding and implementing the requirements using **Vb.net, ASP.net, JavaScript, XML, CSS, Caching and Ado.Net.**
* Created User controls, Custom controls, and used in the application.
* Validated client side components using **JavaScript** and **Ajax, C#, XML, CSS Web services**.
* Created **SQL Server procedures**, **Triggers, Views** and query optimization is done using SQL profiler.
* Developed programs for accessing the database using ado.net to execute queries, and to manipulate the data in the database.
* Worked on **Crystal Reports** for Reports Module. Maintained Version control using **Team Foundation Server(TFS)**
* Worked on waterfall model project management.
* Done **Code review, Debugging, Bug Fixing, Unit testing** and **Integration testing** and Production support.

**Environment:ASP.Net 3.5, VB.Net, SQL Server 2008, JavaScript, Visual Studio 2008, .Net Framework 3.5, IIS 7.5, Team foundation server 2008, WCF, N-Unit test scripts,ASP.NET AJAX., Web services, Windows server 2003, Crystal reports, SQL,T-SQL, Sql Server 2005.**