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PROFESSIONAL SUMMARY

* 8 years of extensive experience in designing and developing web applications, web services, client/server applications by using Microsoft .NET and UI/UX Technologies.
* Experience in gathering customer requirements and functional requirements and converting them to technical requirements, in the complete Software Development Life Cycle (SDLC) including requirements definition, design, programming / testing and implementation of major systems.
* Proficient in Object Oriented Design/Development (OOD), Parallel programming, Multi threading, Design Patterns and Test Driven Development (TDD), Domain Driven Development(DDD).
* Proficient in using Object Oriented Programming (OOPS) for building n-tier architecture systems with hands on development expertise in front-end UI layer, application layer including middleware and core business frameworks and back-end database layer integration.
* Experienced in developing both client side and server side applications using .NET Framework 4.6, C#.net 6.0, HTML, CSS, Bootstrap, Java Script, jQuery, Typescript, XML, AJAX and IIS.
* Expertise in .Net Frameworks like ASP.Net Core, ASP.Net, ASP.Net MVC (Model View Controller), ASP.Net WebAPI (REST Services), Microservices, Azure and ADO.Net (Data Access).
* Extensive experience in developing single page applications (SPA) using JavaScript libraries like React JS.
* Used CSS and Bootstrap classes to develop web applications with Responsive Web Design.
* Expertise in DOM manipulation using JavaScript, JS library jQuery and competent with JavaScript frameworks such as React Js.
* Experience in using third party tools like Material Design Bootstrap Controls for creating Rich User Experience and creating Modal Windows, Date Pickers, Graphs and other controls.
* Hands-on experience using build tools NPM and having good experience of using defect tracking tools JIRA and documentation tools like Confluence and Wiki Pages.
* Good amount of experience in web services, to build a concise way of Lightweight API’s in ASP.NET CORE and implemented services with a JSON HTTP REST API’s.
* Excellent knowledge and good understanding of Windows Communication Foundation (WCF) in .Net Framework 4.6/4.5 and Language Integrated Query (LINQ) in .Net Framework 4.6.
* Extensively used various ASP.NET features like Caching, Session for State Management of Web Applications.
* Knowledge in XML Web Services (SOAP, WSDL and UDDI), Service Oriented Architecture (SOA) concepts using .NET Framework 4.5.
* Adept with the concepts and used dependency Injection, parallel and Async programming during development. Understanding of OOPS concepts, design patterns and design implementations using UML.
* Well experience in querying the databases like SQL Server and experience in Entity Framework for mapping object oriented domain model to a traditional relational database.
* Well versed in developing database programs like Stored Procedures, User Defined Functions, Triggers, Packages and implementation scripts (Batch Scripts) on T-SQL using Microsoft SQL Server.
* Extensive experience Entity Framework which Object Relational Mapping (ORM) framework of ADO.Net implementing Code First, Database First approaches, implemented the Features Security, Performance, CRUD operations, Migrations and implemented repository patterns.
* Experience in Event Logging, error handling & Logging Log files, File and Filegroups, Security, Backup and Recovery.
* Efficiently used Data Readers and Datasets in ADO.NET to retrieve, display edit and update the database.
* Experience in interacting with Clients and Users for gathering requirements. Involved in writing Test plans, Test cases and interacted with business users to conduct User Acceptance Testing (UAT).
* Strong experience in SQL Development, ETL development using Microsoft SQL Server Integration Services (SSIS) and Reporting solutions using Microsoft SQL Server Reporting Services (SSRS).
* Worked on all activities related to the development, implementation, administration and support of ETL processes for large-scale Data Warehouses using SQL Server SSIS.
* Good knowledge in developing Custom Reports and different types of Tabular, Ad-hoc and distributed reports in multiple formats using SQL Server Reporting Services (SSRS).
* Good working experience on Designing SSIS Packages for transferring data from multiple data sources to SQL server.
* Extensive working knowledge on Configuring and version controlling with Team Foundation Server (TFS), Visual Source safe (VSS) and GIT.
* Experience with Test-Driven Development (TDD) using N-Unit testing frameworks and MS unit Tests. Hands on experience on various Bug Tracker Tools such as JIRA, SharePoint.
* Experience in hosting plans for Azure Infrastructure, implementing & deploying workloads on Azure virtual machines (VMs), Design and implementing VM storage & good understanding on Implementing images/disks.
* Have experience in Waterfall, Agile and Scrum methodology.
* Involved in Supporting Integration testing, Regression testing, System testing for the Enhancements.
* Involved in Solving customer issues and functional issues in the Production environment.
* Team Player with good technical, analytical and communication skills.

**Technical Skills**:

TECHNICAL EXPERIENCE

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| Languages | C#.NET, SQL, T-SQL.  |
| .NET Technologies | .NET Framework 4.6, ASP.Net Core 2.2,3.1, ASP.Net, ASP.Net MVC, ASP.Net Web API, ADO.Net, WCF, Entity Framework, Web Service, LINQ, MVVM, Microsoft Azure. |
| Web Technologies | HTML5, CSS3, Bootstrap, JavaScript, Typescript, XML, JSON, React Js . |
| Database | MS SQL Server 2019/2016, Oracle 10g/11g/12c.  |
| IDE Tools | Visual Studio 2019/2017/2015, SSMS, SQL Profiler |
| Crystal Reports | SQL Server Integration Services (SSIS) and SQL Server Reporting Services (SSRS).  |
| Web Servers | Internet Information Server (IIS) and Apache. |
| Version Controller | Azure Devops, Visual Source Safe (VSS), Team Foundation Server (TFS), SVN, GIT. |
| Unit Test Tools | MS Visual Studio Test edition (Team Suite) |
| Methodologies | Agile, Waterfall (SDLC), Iterative, Scrum |
| Architecture Patterns | CQRS, Microservices, n-tier |
| Others | MS Office, UML, Visio, Telerik Control, MDB controls for React |
| Cloud Computing Service | Microsoft Azure |

**PROFESSIONAL EXPERIENCE:**

**ISF Inc., Tallahassee, FL     Feb 2019- Present**

**Role: Full stack .net Developer**

**Project Title: National Guard of California, Merlin, Department of Health**

**Description**: MERLIN is an Enterprise Level Application which serves as the state’s repository of reportable disease case reports, including automated notification of staff about individual cases of high-priority diseases. This application is an integration of various modules: Profile Management - This Project is used in searching a profile of a patient and finding complete information. National Guard of California- This project allows the bureau to track and assign military personnel at different postings, calculate the hours of work, maintain count of dispensaries with hold. CCFP is a meal program for children, this project allows the contractors to file the claim and managers to verify and approve the claim for future payments to contractors.

Working alongside the team in below Modules.

* Profile Management (React JS, ASP.NET CORE with CQRS architecture pattern)
* National Guard of California (ASP.Net Core, MVC architecture and Web API Services)
* CCFP-Child Care Food Program (ASP.Net Core, React JS, and Web API Services)

Responsibilities:

* Designing and creating react stateless and stateful components using Typescript, JavaScript and ES6.
* Writing commands and queries to read and write data using CQRS pattern.
* Implementing action creators to dispatch actions to reducers in redux.
* Configuring React routes for navigation.
* Creating and configuring dependency injection rules for interfaces and classes on .NET Core.
* Using LINQ and lambda expressions for querying databases.
* Creating Responsive Designs (Mobile/Tablet/Desktop) using bootstrap 4 and using third party Material Design Bootstrap controls for rich user experience.
* Used web pack for module bundling. Babel and sass for transpiling.
* Implementing various MVC features that include using built-in HTML helpers, creating custom HTML helpers, strongly typed views and partial views for building web applications.
* Used ASP.Net Core MVC helps in partial views which are a user control and it is embedded inside another view. Involved in doing the easy way of validations in MVC by using data annotations.
* Created and consumed ASP.NET Core Web services and implemented REST full Web API created Action filters and Exception filters to implement REST API.
* Following Domain Driven Design (DDD) standards for designing the application by implementing Microservices approach.
* Developing Web pages with ASP.NET using JavaScript, Server Controls, HTML Controls, jQuery, bootstrap and CSS.
* Developing reusable UI widgets such as the navigation menus.
* Creating and consuming ASP.NET Web services and implementing RESTful Web API services for Business layer using C# in the AZURE Environment.
* Deployed the services by VSTS (Azure DevOps) pipeline. Created and Maintained pipelines to manage all the applications.
* Worked on Cross-Browser compatibility and fixed the bugs for several browsers.
* Used Entity Framework to communicate with Databases.
* Using mocking framework Moq with xUnit to perform unit testing in a concise and reliable way.
* Wrote Stored Procedures, Transactions, Triggers and SQL-Statements to access data from SQL Server Database.

**Environment**: Visual Studio 2017, C#, React 16.4, ASP.NET core 2.2, MVC5, jQuery, Java script, typescript, Bootstrap 4, HTML5, CSS3, Microservices, Microsoft Azure, Azure Devops,web pack, entity framework, SQL Server 2017, CQRS pattern

**United Parcel Services (UPS), Wayne, NJ                                 July 2017 – Feb 2019**

**Role: Sr .NET Developer**

**Project: ACC**

**Description**: ACC is a web-based application designed to link UPS with multiple clients to raise requests and manage the requests. It has needs, such as Leasing and financial applications, fleet rentals or repairs. Generally, an employee raises the request in the department and needs to approve among different approvers to complete the request. These are very useful for handling a request and sending it to the next department for sanctioning the amount.

**Responsibilities & Tasks:**

* Involved in the completion of the Software Development Life Cycle (SDLC) which includes Analysis, Design, Implementation, Testing and Maintenance with Agile Methodology.
* Implemented N-Tier Architecture in applications using Web API RestFull Services, MVC, Entity Framework using C# .Net.
* Developed the application using ASP.NET MVC 5.0 with Razor syntax, C#.NET, AJAX, jQuery, JSON, HTML, JavaScript, Bootstrap and CSS.
* Independently worked on developing document handlers using the HTML5 Canvas.
* Used Master Pages, shared layouts, CSS & Themes for the consistent look of the application.
* Consumed JSON objects to Views and partial Views for the UI layer.
* Implemented various types of services which is a reusable singleton object and used to organize and share code across the application and can also be injected into controllers, filters, directives.
* Involved in implementing the Multi-Threading, Generic Collections and Exceptional Handling.
* Involved in enhancing the application user interface, modifying the Database columns using the Entity Framework 6.
* Improvised user experience using JQuery. Used jQuery event handling mechanism to dynamically assign events on web controls.
* Implemented the SOAP and Rest API using WEB API for building the Server-Side component and creating DB context in the controller.
* Implemented MVC 5 features such as routing, controllers, action results, filter, model binders, IOC container or dependency injection.
* Created View Models to encapsulate all models and classes used on the different views for a more organized, structured, and clean code.
* Create source to target mappings and ETL design for integration of new/modified data streams into the data warehouse/data marts.
* SSIS is used for data integration and workflow of the applications.
* Implemented the Error Handling with Custom Exception Filter and enabled the custom theme with Custom View Engine using the MVC 5.
* Involved in refactoring and upgrading the code for application performance increase.
* Involved in creating the SQL tables and implemented the T-SQL to build the Store Procedure and Triggers.
* Used TFS (Team Foundation Server) for source Version Control.
* Involved in unit testing with N-Unit, Test Cases, Documentation, Debugging and bug fixing.
* Developed server-side code using C# .Net and Razor Syntax for the best user interface.

**Environment**: ASP.NET 4.6, Visual Studio 2017, MVC 5, HTML5, CSS3, JavaScript, jQuery, JSON, C#.Net, AJAX, SQL Server 2017, SSIS, SOAP, Restful, Entity Framework 6, Team Foundation Server.

**Fresenius Medical Care – Waltham, MA                            Jan 2017 – June 2017**

**Role: .NET Developer**

**Project: Screening Information System Application**

**Description**: In the Hospital Management System, patients can view and schedule appointments, pay outstanding fees, view policies and procedures, check their health reports, see their medical history, and send messages to doctors. Patients can also search for their symptoms and find treatment options. It can organize the patient records, view and update medical information for each patient, view and add prescriptions, view scheduled appointments, and manage many other options. Centers for Medicare Services (CMS) develop, implement and administer several different patient experience surveys to pick up the medicine and links with the ID cards to the system application.

**Responsibilities & Tasks:**

* Involved in the complete Software Development Life Cycle (SDLC) including Analysis, Design, Implementation, Testing, and Maintenance.
* Implemented MVC design pattern for developing the Web Application and used MVC4 application using Razor syntax for view engine and used C# for the back end.
* Developed ASP.Net Web APIControllers that involved in implementation of business layer components and data object layer components using ASP.Net MVC web application.
* Developed REST APIs that allow sophisticated, effective and low cost application integration and multi-tier Web applications with the use of Web Services using ASP.Net Web API.
* Used JavaScript, jQuery to perform client-side validation and consumed web services into the web application.
* Used LINQ to build a set of operations, parameters and expressions (Binary, Unary, and Lambda) while "Querying" a set of data from an SQL Server.
* Written SQL Queries for indexes, triggers, functions and stored procedures.
* Involved in developing the Data Access Layer using the Entity Framework followed the code first process.
* Involved in Creating the Triggers and Stored Procedure by implementing the T-SQL queries.
* Wrote and executed the Test Cases using an N-Unit testing framework.
* Responsible for gathering requirements from the end user and analysis.
* For saving the patient ID card details in a database we use Entity Framework and MS SQL Server.
* Designed a 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.
* Used TFS (Team Foundation Server) for all the source code maintenance among the whole team.

**Environment**: C#, ASP.Net, Visual Studio 2013/2015, MVC 4.0, Entity Framework, SQL Server 2014, WCF, IIS, JavaScript, jQuery, LINQ to SQL, AJAX, HTML, CSS, TFS, N-Unit, MS Test.

**Tata Consultancy Services, India                                                                 Jan 2014 –Jul 2015**

**Role: .NET Developer**

**Project: MedMantra**

**Description**: This project is about the hospital management system. Providing Globalization changes to the website of multiple hospitals and healthcare companies all over the world in to their local language. This system was accessed by patients to perform registrations, access patient information, pay bills, schedule doctor appointments, request medical reports, and claim the bills. I have held the following roles and responsibilities as part of the project.

**Responsibilities & Tasks:**

* Involved in customizing the application and error rectification by interacting with the users.
* Used Agile Scrum practices to provide reliable, working software.
* Coded in Data Access Layer, and Business Logic Layer using C#.NET and SQL Server in the backend.
* Created Entity Framework object model which handles the data from SQL.
* Used LINQ to Sql using lambda expressions for communicating between business layer and database.
* Worked on WCF and Web Services to provide SOA architecture and Configuration based activation applications on SOAP and REST protocols.
* Participated in UML Designing for Drug Rebate Module.
* Worked on Exploratory Testing and fixed Bugs for the release.
* Implemented Object Oriented Concepts such as Polymorphism, Inheritance, Encapsulation, Abstraction.
* Effectively communicated with the team and the client to gather requirements.
* Used Team Foundation Server (TFS) for Continuous Integration and Source Version Control.

**Environment**: .Net Framework 3.5, Visual Studio 2013, C#, ASP.NET MVC 4, WCF, SQL 2012, XPATH, TFS, MS Test, LINQ Pad, UML, SOAP UI, Oracle, PL/SQL, JavaScript, jQuery, HTML, CSS.

**Tata Consultancy Services, India                                                               June 2012 - Dec 2013**

**Role: .NET Developer**

**Project: Apollo Hospitals**

**Description**: This Project was intended to serve as a complete solution for the Hospital Information system. The application was designed and developed from the aspect of technical and medical professionals who provided total insight of hospital administration and clinical reporting procedures. This product satisfies all the administrative, billing and insurance needs of the hospital system. The application consisted of different modules that were created exclusively for inpatients, outpatients and emergency patients. The main objective of the application was to develop a paperless, cashless and hassle free setup for medical professionals so that qualitative medical care can be provided to patients in the hospital network.

**Responsibilities & Tasks:**

* Implemented n-tier architecture to separate the application and database functionality
* Involved in designing the logical and physical architecture for databases according to the client requirements.
* Involved in the intermediate meetings for the requirement gathering.
* Involved in creating the Functional and Technical Documents.
* Involved in designing the UML Class diagram of the system.
* Involved in scheduling the resources using Gantt charts.
* Created components using C#.
* Created Business Logic Layer (BLL) and Presentation Layer in C#.
* Implemented web services to retrieve data from different database servers and to create the employee details in a format required by the company.
* Implemented many AJAX controls to improve the performance of the web pages.
* Used different bindings for WCF service to support different protocols.
* Used Master pages’ templates, CSS & Themes to define unified look and feel for the application.
* Used CSS to maintain uniformity throughout the application.
* Used media queries in CSS3 to validate different attributes of controls.
* Used Angular to structure JavaScript code in an MVC.
* Client side validation of pages done in JavaScript and validation controls like Required Field, Range, Custom and Compare Validator were incorporated for server side validation.
* Implemented Data access layer (DL) using ADO.NET with oracle database by creating Functions, Triggers and Stored Procedures.
* Implemented Web Services using WCF to integrate the client systems using Web Services.
* Developed Win Forms and ADO.NET components in C#.
* Involve in the Code Review Process and testing the application.
* Used Team Foundation Server for Version Control.
* Fixing current bugs on client and server applications.

**Environment**: Visual Studio 2012, ASP.NET, MVC, C#.NET, .Net Framework 4.0, WCF, ADO.Net, Win forms, Java script, jQuery, JSON, Ajax, HTML, IIS, CSS, Bootstrap, Razor View Engine, TFS

**Education:**

Masters’ in Computer Information Systems & Information Technology from the University of Central Missouri 2015-2016.

Bachelors’ in Industrial Biotechnology from Sastra University 2008-2012.