**Swetha K**

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**PROFESSIONAL SUMMARY:**

* **5+ years** of experience in Design, development, solution providing, and implementation of software applications in **Microsoft .Net** technologies**.**
* Experience in developing applications front end using **DOM, Node.js, HTML5**, **DHTML, CSS3, Bootstrap**, JavaScript framework, Crystal report, MS Access, Expression (Blend and Design), **AJAX controls, jQuery, VBScript**.
* Strong experienced in **Object Oriented Programming Concept**. Worked with Design patterns like Singleton, Dependency Injection, observable.
* Expertise in developing and deploying custom Web parts, Workflows, Features, Site Content Types, Lists and Libraries, style sheets and site definitions using WSS, SharePoint Object Model and Visual Studio on multiple web applications.
* implemented client-side Interface using **React JS**. Build stable React components and stand-alone functions to be added to any future pages. Used React-Router to turn application into Single Page Application.
* knowledge in integrating Jenkins with **AWS** to automate various services.
* Experience in creating **T-SQL stored procedures**, **functions**, **tables**, **views** and **SQL joins** and other statements for various applications, maintained referential integrity and implemented business logic.
* Proficiency with **Object Oriented Principles**, Concepts and Best Practices.
* Extensively experienced in using Build and Automation tools like **MS Build, and Maven**.
* Deployed JAVA based web application to **AWS Elastic Beanstalk and EC2**instances.
* Proficient in developing REST Services and integrating them with Client Server Architecture. Implemented several REST Services with **Node JS** as Backend and **Angula**r as Frontend.
* Proficient at developing Single Page Application (SPA) with **AngularJS** controllers, directives, factories, services, routing, DOM manipulation using JavaScript, JQuery and **AngularJS.**
* Used **Responsive Web Design** so that the website is compatible with different devices like desktops, laptops, tablets and smart phones.
* Expertise with client-side technologies effectively using **HTML5, CSS3, JavaScript, Bootstrap 4.0/3.0** and jQuery, **Angular 6/5/4/2.0** to implement DOM manipulation, **AJAX** functionality, Single page applications (SPA) and Responsive design Used Responsive Web Design so that the website is compatible with different devices like desktops, laptops, tablets and smart phones.
* Strong working experience in managing Security policies including **Authentication, Authorization, Identity, Encryption, Personalization, Membership, Roles, Profiles and Resource Access Control.**
* Proficiency & expertise in Designing and Developing **Web based applications** and **development.**
* Extensive experience with development & deployment of **Web Services (WSDL), WCF services, SOA** using the **.NET Framework**.
* Experience in developing N-tier web applications using **Visual Studio, C#, ASP.Net, ADO.Net, WCF, WPF, Web API, XML, SOAP, NETCORE, VB.Net, SOA Web Services (WSDL), Web Forms, Microsoft .Net Frameworks**.
* Experience in using **LINQ (LINQ to SQL, LINQ to XML), ADO.NET, Entity Framework** and **T-SQL** in developing **Data Access Layer**.
* Expertise in database programming involving Dynamic Stored Procedures, Stored Procedures, functions, Views, Triggers using **T-SQL in SQL Server 2005/2008/2010/2014**
* Experience with **Entity** **Framework** approaches such as code-first and database-first.
* Experience in designing and implementing infrastructure as code and CI/CD pipeline for deployments of large-scale web applications.
* Sound experience of **Agile / scrum** methodology and entire software development life cycle.
* Highly motivated team player with analytical, organizational and technical skills, unique ability to adapt quickly to challenges and changing environment.
* Excellent interpersonal skills, proven team player with an analytical bent to problem solving and delivering under high stress environment.

**TECHNICAL SKILLS/TOOLS:**

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| **.NET Technologies** | .NET Framework, WCF, WPF, ASP.NET, ADO.Net, C#, Window forms, AJAX, Web Services, Silverlight, SOAP, ADO.NET, XML, LINQ, SOA, .Net Remoting, VB.NET, IIS |
| **Languages** | C#, VB.NET, VB, C++, PL/SQL, TSQL, ASP.Net |
| **Web Technology** | ASP.Net, AJAX, AJAX toolkit, ASP, HTML5, DHTML, CSS3, JavaScript, Node.js, Web Service, XML, XSL, XSLT, Angular 2/3/4/5/6. |
| **IDEs and Tools** | Visual Studio .NET, Eclipse, EditPlus, MS Office, SQL Management Studio, SQL Developer, SharePoint |
| **Other Concepts & Technologies** | XML Web Service, Windows Communication Foundation (WCF), Windows Presentation Foundation (WPF), MVC, Unit Testing |
| **Version Systems** | Git, CVS, SVN |
| **Databases** | MS-Access, Oracle, SQL Server  |
| **Operating Systems** | Windows, Unix, Mac |

**Education - Completed Bachelors in mechanical science Engineering in JNTU 2006**

**PROFESSIONAL EXPERIENCE**

**Client: Banner Health, Phoenix, AZ Mar 2022 – TILL DATE**

**Role: .Net Developer**

**Responsibilities:**

* Created WCF Service to pass information to and from application and other third-party systems.
* Used Entity Framework (EF) to work with relational data using domain-specific objects that creates a Model which can target the existing database or creating new database.
* Developed and assisted in migration of web application to Angular5/6 Application. I took the responsibility of Architecture of the stand alone module for the complete migration of the module.
* Created WCF, Restful Services and used different bindings to make it available to different types of clients.
* Performing analysis into the different stages of the system development life cycle in order to support development and testing efforts, identify positive and negative trends, and formulate recommendations for process improvements and development standards.
* Responsible for CI and CD using Anthil Pro, Urban Code Deploy, Jenkins integrating with TFS, MS Build, Maven, Git, SVN,TFS.
* Analyze, identify, and implement new enhanced features to the applications and provides required functionality through . NET.
* Designing and Configured AWS Solutions using EC2, S3, EBS, Elastic Load Balancer (ELB), auto scaling groups.
* Provided POC's to provision the AWS infrastructure using Ansible playbooks which includes checking the health status, monitoring and gathering facts about the EC2 instances, elastic load balancers, auto scaling groups and other AWS resources.
* Designed and developed views as responsive components using HTML5 and CSS3.
* Created tables, written stored procedures, triggers, Views and user defined functions.
* Worked in complete Agile practice team which gathers and designs the tasks based on customer requirement.
* Designed and Developed tracking component by using typescript as front-end and backend with MVC, ASP.Net core in C#.
* Used Entity Framework for retrieving data using Models from SQL Server database and involved in writing SQL Queries based on complex business logic.
* Maintained and improved web applications written using ASP. NET Core and ASP. NET MVC.
* Developed WCF Services to expose useful functionality to web users through SOAP, describing them using WSDL, registering them using UDDI for easy availability to potential users and consuming them.
* Developed validations using JavaScript, created validation logic and changed JQuery functions to manipulate and submit form data using AJAX server calls.
* Implemented model view controller (MVC) architecture with ASP. NET Core Razor views, dependency injection (DI) and Entity Framework (EF Core) according to UI layouts and business requirements.
* Successfully utilized code-first approach to design the database in the . NET environment by using, C# in the ASP.MVC environment.
* Performing analysis into the different stages of the system development life cycle in order to support development and testing efforts, identify positive and negative trends, and formulate recommendations for process improvements and development standards.
* Major role in the development of the web application using ASP.NET MVC, C#, Java script, JQuery, Bootstrap, ADO.NET and AJAX.
* Performed conversion of existing classic ASP web applications into ASP.NET, for various short-term contract projects, utilizing C#.
* Migrated pages in benefits election website to MVC.NET from ASP Classic code for conversion project.
* Used Stored Procedures and SQL Queries to access, retrieve and manipulate the data from SQL Server.
* Used NUnit for Unit Testing to write the test cases for the methods for the developed application.

**Environment:** ASP.NET Core, C#.Net, MVC, WCF, Visual Studio, T-SQL, .NET Framework, Angular 5/6 , AWS, Entity Framework, Win Forms, LINQ, Web API, SQL Server, Oracle, Windows.

**Client:** **Homesite Insurance, Boston, MA Aug2020 – Mar 2022**

**Role: .Net Developer**

**Responsibilities:**

* Used WCF for communicating to the API and between the layers.
* Used JavaScript to enhance the dynamics & interactive features of web page by allowing user to perform calculations, validate form inputs, special effects and Customize selections.
* Designed and implemented a number of support tools using ASP.NET MVC, WEB API and JavaScript.
* Handled XML data into SQL server for improving performance.
* Implemented Angular 1.5 Services to bind the data and provide access to the data on the server.
* Developed ASP.Net Web service, Web Application and Windows application using C#.Net in .Net framework with Entity Framework.
* Configured Docker Engine with Docker Specific Commands, Created Custom Docker Images, and Deployed Docker Containers on AWS as Part of Cloud Formation Template.
* Experience in building SPA's using Angular framework , very good experience in developing Angular 4+
* Worked closely with clients in gathering and analyzing requirements and providing solutions that meet the client’s requirements.
* Created Stored Procedures to perform automated rules, updating to related tables using SQL Server using SQL.
* Designed and Developed Win forms using C#.
* Developed application using ASP.NET MVC to enable the full control over the rendered HTML5 and jQuery for client-side scripting.
* Developed Win Form applications with significant business logic.
* Written the test cases by understanding each API and considering all the possible scenarios as per the client expectations.
* Developed system services SOA application platform for use by all web applications utilizing Windows Communication Foundation (WCF) services.
* Application design Using Scrum (Agile) Model for N-tier architecture which includes UI, BLL and DAL in .NET.
* Implemented client-side validations using jQuery/Java script and ASP.NET MVC Data annotations to do validations on the Model Data.
* Used Validation Controls in ASP.NET MVC and developed custom validation controls for validating views.
* Involved in creation of .NET XML Web Services and used AJAX for consuming Web Services.
* Used JavaScript, HTML5 for client-side validations and to generate user-friendly web interfaces.

**Environment:** Visual Studio, .Net Framework, C# .Net, ASP.Net, ASP.Net MVC, Angular 3/4 , Win Forms, WCF, Entity Framework, HTML5, JQuery, JavaScript, IIS, AJAX, Webservices, Web API, SQL Server, SQL, PL-SQL, Oracle, Windows.

**Client:** **Bank of Ocean City, Ocean City, MD Jul 2018 – Jul 2020**

**Role: .Net Developer**

**Responsibilities:**

* Used various types of serialization mechanism for serializing custom classes and structures into required formats, such as SOAP for web services and XML.
* The project's core framework was architected WCF (Windows Communication Foundation) instead of regular web services due to performance gain offered by WCF.
* Developed XML Web Services using C#, ASP.NET, ADO.NET, SOAP, XML and DISCO for exposing the functionalities of the enterprise business components at the Business Layer.
* Implemented CSS3 classes to customize html5/web server controls and skin on web server controls for consistent look and feel for all controls throughout the application.
* Developed interactive pages of the application using ASP.NET Web Forms pages with VB .NET for the code behind modules.
* Involved in the SDLC phase of requirement analysis, design, and development of the web-based intranet application tool using ASP.NET and C#.
* Participated in various Client meetings with the team and the Project manager to discuss improvements /amendments in the development of the section.
* Involved in Design, Development of Web Forms using ASP.NET, C#, JQuery, XML, dataset and .NET Framework.
* Involved in Design, Development and Testing of Web Forms and Web Services using IIS, ASP.NET, XML Dataset and .NET Framework.
* Data connectivity occurred in both connected and disconnected states. Data Readers and NonQuery were used in connected state with data source binding with the server controls. Table Adapters and Data Sets were used in the disconnected states using the Fill mechanism to fill the data on the web server controls.
* Implemented the GUI in Silverlight technology using Expression Blend and XAML for both basic and customized components.
* Developed Web Forms for User Interfaces using ASP.NET with Server Controls, HTML5 Controls and User Controls.
* Used AJAX for partial rendering of the Web Forms to improve performance by not having the whole page post back.
* Involved in designing of WPF screens and implementing MVC design pattern. Used ADO.Net for DML/DDL operations with the SQL Server.
* Used .Net Framework class library to build user interface that separated application logic from presentation code using code behind pages.
* Worked on each layer of three-tier application developing user interface, business logic and database connectivity from business layer.
* Typescript as front end and backend with Asp. net core to develop Restful API for new application
* Developed various custom controls to have modular design in the Forms, one of them being Custom Grid View developed using new features of Grid View of .Net framework to show the entire data collected.
* Developed custom control for login and used web service method for user authentication.

**Environment:** Microsoft .Net, C#, ASP.NET, ADO.NET, HTML5, JavaScript, WCF, WPF, IIS, Webservices, Visual Studio.NET, XAML, Visual Basic, Microsoft Visual SourceSafe, XML, SQL, Oracle, Windows.