**Hemanth K
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**PROFESSIONAL SUMMARY:**

* Having 10 years of experience in all phases of **SDLC** including design, development, integration, implementation and maintenance of various windows and web-based applications.
* Good exposure in System Analysis, **System Architecture, Data Modeling and Design Patterns**.
* Extensive experience of programming on .NET Framework **4.0/3.5/2.0, ASP.NET, ADO.NET, C#, XML Web Services, WCF, XML, XSL, XSD, XSLT, and AJAX**.
* Experienced in using HTML5, CSS and Java script frameworks like **AngularJS¸ Angular2.0/4, jQuery and Bootstrap** frameworks.
* Experience in developing applications involving technologies like **LINQ**, Windows Communication Foundation (**WCF**) and Silverlight & Telerik controls.
* Good hands-on Graphical User Interface (GUI) Design using technologies like HTML, CSS, **JavaScript, Silverlight**, **WPF** (Windows Presentation Foundation).
* Experience in Developing and implementing Web applications using **MVC3 razor** and **Entity Framework**.
* Good knowledge of **AJAX** Control Toolkit, AJAX Enabled web site and adding AJAX functionality in ASP.NET web site.
* Experience in ASP.NET Web Forms, ASP.NET State Management, ASP.NET Caching, and Securing ASP.NET Web Applications.
* Implemented Security in Web Applications using **Azure** and deployed Web Applications to Azure.
* Worked extensively with different **ADO.NET** objects to interact with database and good experience in using ADO.Net objects such as SQL Connection Object, SQL Command Object, Data Reader, Dataset and Data Adapter.
* Good command over commercial Relational DBMS such as **SQL Server 2008/2005, Oracle 10g/11g**, Microsoft Access and Multivalve DBMS such as Universe & Unidata
* Strong abilities in Database Design, **Views, Normalization, Stored Procedures, Triggers**, Cursors and Functions.
* Experience using tools such as **Visual Studio.Net** 2005/2008/2010/2012, FxCop and Style-Cop.
* Expertise in application of cloud providers, **Amazon AWS** Ec2/s3/VPCSNS/AMI, **GCP,** Cloud sigma, Win Azure.
* Sound knowledge of several design patterns like **Singleton, Factory and Template Method**.
* Experience with versioning tools like **VSS** (Visual Source Safe) and **SVN**.
* Experience in Creating and Updating Clustered and Non-Clustered Indexes for performance tuning and query optimization.
* Expertise in designing and configuring security for .NET framework applications and implementing Code Access Security, Authentication, Authorization, Membership, Role, and Profile providers.
* Developed drill down, drill through, sub report and nested data regions using **SQL Server Reporting Services (SSRS)**.
* Experience in deploying reports through utility tools, creating shared schedules, report subscriptions and report server configuration.
* Experience in Extracting and Transforming data using **SQL Server Integration** Services 2005/2008 R2.
* Experienced in developing applications using **React JS, jQuery** for view rendering and implementing **React JS with Redux and Flux** patterns to attain MVC functionality.
* Experience in scheduling jobs, deploying packages using utility tools, creating package configurations, precedence constraints, break points, check points and error logging.
* **Strong** **interpersonal and communication skill**s with ability to Work with a team and keep them motivated.

**TECHNICAL SKILLS:**

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| **Languages** | C#.NET, VB.NET, C, Visual C++, Visual Basic 6.0, PL/SQL |
| **Web Technologies** | ASP.Net, JavaScript, WPF, WCF, HTML, XML, XSL, jQuery and IIS. Site Core, Angular, React |
| **Business & Portal Technologies** | WSS 3.0, SharePoint Server 2007, MS Office 2007 |
| **Databases** | MS-SQL Server 7.0/2000/2005/2008, Oracle 10g, PL/SQL, MS Access, MySQL |
| **Middle Ware** | COM, DCOM, ActiveX, Remoting. |
| **Internet Technologies** | VB Script, JavaScript, HTML, DHTML, Front Page, VB InterDev, CSS, and XML, XSL, XHTML, Microsoft AJAX and XSD |
| **IDE** | Visual Studio.Net, Visual Studio 6.0, Visual InterDev 6 |
| **Reporting Tools** | Crystal Reports 9.0/11.0, SQL Reporting services 2005(SSRS), Ad Hoc Reporting Model, Dundas Chart |
| **Version Control** | MS Visual Source Safe 6.0, Team Foundation Server |
| **Networking Protocols** | SOAP, HTTP and TCP/IP |
| **Design Tools** | VisualStudio.Net, Microsoft Visio |
| **Operating Systems** | Windows 98/2000/XP/7/2003 Server |

**PROFESSIONAL EXPERIENCE**

**Toyota, Plano, TX March 2022 to Present**

**Role: Senior .Net Full-stack Developer**

**Responsibilities:**

* Involved in different phases of **SDLC** including Designing, Programming, Testing, and Documentation.
* Developed graphical user interface using HTML, AngularJS, Angular2.0, Cascading Styling Sheets (CSS3), Bootstrap glyph icons.
* Involved in developing applications in **ASP.NET MVC, Razor syntaxes and Razor view** engines using visual studio 2012.
* Worked with WCF, REST services which are used to call the services from one language to another with the help of messages which can be in XML or JSON.
* Designed and implemented in C# to enhance software efficiency and user experience.
* Collaborated effectively with cross functional terms to create solutions in C# that delivered exceptional results.
* Stayed current with the latest advancements in C# and leveraged them to improve development processes and outcomes.
* Utilized C# for web development, desktop applications, data manipulation].
* Created new **HTML helper classes** for rendering of HTML controls in a view.
* Involved in using MVC pattern for both UI development with **Angular JS** and application development with C#.
* Developed n-tier application with UI, business and data access layers using **ASP.NET, VB.NET**.
* I worked with SSAS (SQL Server Analysis Sever) tool in Microsoft SQL Server so as to analyze the data as the project was mainly about analyzing the data submitted by the customers.
* Designed the Graphical User Interface with **C# and WPF**.
* Design and development of web applications using **Angular 10+**.
* Worked on Asp.Net Applications for resolving the Production issues.
* Used **Bootstrap** to make the UI more dynamic and interactive.
* Used **Ajax** Tool Kit to increase the functionality of the web page i.e., asynchronous functionality.
* Worked extensively in user and production support. Resolving the production issues, creating story for larger changes and helping users and business with support they need including giving access to application and extracting reports and stats related to the application for business.
* Used Azure **Kubernetes** service to deploy a managed Kubernetes cluster in Azure and created an AKS cluster in the Azure portal, with the Azure CLI, also used template driven deployment options such as Resource Manager templates and terraform.
* Used SSMS (SQL server management studio) to fetch the data from the database.
* Used user controls with C# as the code behind, developed test cases for the project.
* Used entity framework to access the data from the SQL server as it automates the process of ADO.NET.
* (UAT) before deploying application to production to reduce the impact and error in production.
* I used SSIS as this platform is used for data integration and workflow applications.
* Developed WCF services framework for providing search and authentication services.
* 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.
* Used LINQ to write the queries in the back end so as to fetch the data from the database.
* Designed database queries in **SQL Server, created stored procedures, views, triggers** to reduce the code complication in the front end.
* Used Entity Framework to perform CRUD operations on the SQL Server 2008 through 2015 database.
* Used TFS (Team Foundation Server) to share all the work, code, to sort out the exceptions raised during work.
* Used WPF as the applications can be run on multiple platforms as it separates the user interface with business logic.
* Used animation pictures with the help of **WPF for 2D/3D** rendering.
* Conducted testing (**unit testing, regression testing**) of different objects so as to minimize the bugs in the Quality analysis sessions before releasing into the production.

**Environment:** C#, MVC 5.0, 4.5, Entity Framework 4.0, bootstrap glyph icons, Visual Studio 2014/2013, ADO.NET, HTML5, DHTML, XML, XSL, XSD, Angular JS, Angular 12.0, SOAP, Web Services, SQL Server 2008/2012, Telerik, AJAX, MS Visio, NUnit, TFS, SVN, LINQ, WCF, Agile Scrum Methodologies, SSIS, SSAS, SSMS, WPF, Bootstrap.

**Client: AT&T- Dallas,TX May 2021 – Feb 2022**

**Role: .Net Full Stack Developer**

**Responsibilities:**

* Worked on synchronizing data model and user interface controls using Node.js.
* Involved in Production support for Mobile site issues.
* Developing components using Angular 9 and customizing Angular-related libraries to meet application functionality.
* Implemented Services and Dependency Injection in Angular 9 to connect the web application to back-end APIs and share code between components.
* Rewriting legacy Windows Forms applications into web-based applications using web forms and client-side technologies like **jQuery, JavaScript, JSON Data, Node.js, Angular 9**.
* Optimized code and developed web pages for the payment system, extensively using KendoUI.
* Responsible for building the UI for the transaction flow portal using Kendo UI, MVVM, and Ajax.
* Knowledge of techniques used in Angular 9 with the help of TypeScript.
* Developed and maintained unit tests in Jasmine for [mention specific projects or applications] to validate code functionality and prevent regressions.
* Implemented test suites and specs in Jasmine to thoroughly test various JavaScript components, enhancing software reliability.
* Collaborated with development teams to integrate Jasmine into the continuous integration (CI) pipeline, automating the testing process.
* Conducted code reviews and worked closely with developers to address issues identified by Jasmine tests, resulting in improved code quality.
* Utilized Jasmine's features, such as spies and mocks, to simulate interactions and dependencies in unit tests, ensuring comprehensive coverage.
* Kept up-to-date with the latest Jasmine developments and testing methodologies to optimize test suites and drive efficient testing practices.
* Customize this section to accurately reflect your experience with Jasmine, and consider including specific projects or achievements related to your testing efforts. This will help potential employers understand your proficiency in using Jasmine to ensure code quality.
* Working on dependency binding and declarative tracking using Node.js.
* Involved in designing and developing case management system web screens using ASP.NET MVC Framework and had knowledge of Web API (Restful).
* Provided support for addressing existing production issues and defects.
* Developed various web pages using ASP.NET MVC, C#, HTML, JavaScript, and server controls such as GridView and Validation controls.
* Implemented, migrated, and deployed workloads on **Azure VM**.
* Set up the Database in Development, Production environment in Cloud-Microsoft **SQL-Azure**.
* Created, modified stored procedures, triggers, tables, and views on SQL Server.
* Working on Azure for highly available customer-facing B2B and B2C applications.
* Used **Git and JIRA** for bug analysis, tracking, and fixes following web industry standards.
* Developed web applications using principles of **Test-Driven Development**, with an eye towards Continuous Integration enabled by TeamCity.
* Delivered complete front-end applications using **Node.js, JavaScript, HTML5, CSS3, Bootstrap 4, and Angular 8/9.**
* Deployed and added new machines to a running database, balancing load and duplicating data to keep the system up, using **MongoDB** in a multi-server environment.
* Configured high availability using geographical MongoDB replica sets across multiple data centers.
* Used Telerik MVC controls for grid layouts and calendar layouts.
* Used **JavaScript, jQuery, and AJAX** for client-side validations and scripting in web pages.
* Performed **Unit Testing** on application components using **Karma**.
* Developed and implemented a new feedback system for users' concerns, bugs, and defect tracking regarding the use and functionality of new interfaces.
* Developed a single-page, mobile-first web application for real-time location sharing utilizing Angular 9 and JavaScript API.
* Deployed web applications to Microsoft Azure Service Fabric.
* Developed Azure solutions and services like PaaS and IaaS.
* Implemented Windows Azure Architecture.
* Extensively used LINQ - Entity.
* Created JSON-based **Azure Resource Manager** (ARM) templates and used them for deployments.
* Developed a password distribution module that displays the initial password to account owners.
* Involved in all tiers of the application, working on the Data layer, Business layer, and UI layers. Developed Business and Data tiers using .NET MVC, C#, and ADO.NET.
* Designed and developed **MVC Razor Views** for GUI.
* Developed Master Pages and web-enabled online panels for data entry using **ASP.NET forms** and submitted them for processing.

**Environment:** ASP.NET MVC, C#, Agile, Angular 8/9, Web API, Mobile Applications (Android and IOS), SQL Server, Mongo DB, Web Services, Kendo UI, MVVM, AJAX Control Toolkit, JavaScript, jQuery, Node.JS, HTML, IIS, Azure,Telerik, Teamcity Windows, Microsoft Visio, Visual Studio, .Net Framework, Microsoft Reporting Services (SSRS), Clear Case.

**Client: Best Buy, Southfield, MI Nov 2019 – April 2021**

**Role: .Net Developer**

**Responsibilities:**

* Developed Single Page Applications (SPA) using **Angular 8** framework and injected generic services using Angular 8.
* Created reusable templates using Angular directives and worked with NPM package manager tools (Node.js).
* Designed Angular modules and controllers using different directives like **ngShow**, **ngRepeat**, **ngApp**, ngController, and many more.
* Implemented Angular routing and navigation, components, and services.
* Implemented **two-way data binding** in Angular to handle automatic synchronization of data between model and view components.
* Developed standalone .NET applications responsible for identifying and processing account-related data.
* Designed, architected, and programmed **WinForms**, web-based applications, and **libraries**.
* Analyzed and designed new .**NET web, batch**, and WCF applications.
* Designed and developed microservices using **MEAN** Stack (MongoDB, Express.js, Angular, Node.js) and Elasticsearch on private cloud platforms.
* Manipulated data and created reusable visualizations using **D3.js and Pandas**.
* Leveraged cloud services like **Amazon Web Services (AWS) and OpenStack** for server provisioning, security group management, and automation tasks.
* Performed server migration to **AWS** using various services such as **EC2, S3, RDS, Auto Scaling, ELB, EBS, and Route 53.**
* Prepared technical documentation including system architecture, functional specifications, and design documents.
* Conducted **ADA** accessibility testing to ensure compliance with accessibility standards.
* Used **SOAPUI** for functional testing and debugging of web services.
* Created and implemented **WCF services** for real-time data communication.
* Performed account and customer maintenance using specialized tools.
* Designed **WPF forms**, custom controls, and user controls using XAML.
* Developed interactive dashboards using Silverlight for project management and financial tracking.
* Gathered and documented business requirements through JAD sessions and interactions with stakeholders.
* Worked in agile teams using Scrum methodology, participating in sprint planning, daily stand-ups, and review meetings.
* Developed web pages using ASP.NET, HTML, and CSS.
* Involved in the design and development of web applications using ASP.NET MVC, .NET Core, C#, and SQL Server.

**Environment:** Silverlight, WCF, ASP.NET, Console Application, C#, .Net Core 1.0, Jenkins, Tortoise SVN, GIT, PRISM, Pivotal Cloud Foundry, TDD, Angular 6/7/8, WPF, HTML, CSS, AWS, Google Cloud, Nodejs, Ajax, ADA, jQuery, JavaScript, TFS, PL/SQL, D3.js, PowerShell, Automation Testing, SQL Server 2012, Windows.

**Client : Brio Technologies Private Limited, India September 2017 – August 2019 Role : .Net Developer**

**Responsibilities:**

* Involved in Requirements Collection, Design & Analysis of the Customer Specifications, Development and Customization of the Application.
* Worked on **Software Development Lifecycle (SDLC)** starting from Requirements, gathering, and performing objects-oriented analysis, design, and implementation.
* Effectively created easy to use, reusable controls and integrated them into **ASP**.**NET** web pages.
* Controlled overall look and feel of **ASP**.**NET** web site by defining themes and skins and applying them at page level as well as control level.
* Effectively used master pages to create consistent layout for the **ASP**.**NET**, C#.Net web pages and merged them with content pages.
* Hands on experience with using/working with **GIT** on **Microsoft** **Azure** Platform Service.
* Experience in **GCP** Dataproc, GCS, Cloud functions, **BigQuery**, Azure Data Factory **DataBricks**.
* Work experience as a Project Officer using **WWF**
* Developed **ASP** pages using ASP.NET web form controls, ASP.net **Ajax**, C# and **jQuery**. Asp.net **MVC**, **HTML** 5, Bootstrap, **Knockout**.JS.
* Experience in using stackdriver service/ dataproc clusters in GCP for accessing logs for debugging.
* Responsible for creating the reports basing on the requirements using SSRS 2008.
* Developed Generic classes for Business Layer and Data Access Layer using C#.
* Built a heavy front-end using **HTML**/**CSS**/JavaScript/Bootstrap on top of .**NET** **MVC** 3
* Developed the user interface for back office support and worked collaboratively in Agile scrum team on the design and development of application based **MVC** framework using **ReactJs**, Bootstrap, HTML 5.0 and **CSS3**
* Extensively used **WCF** service calls to get the data from session and database side into the Silverlight application.
* Implemented the **SOA** architecture using Windows Communication Foundation (**WCF**).
* Effectively used **ASP.NET** intrinsic state management functionality to store application-specific, session-specific, page-specific and user-specific information between page requests.
* Effectively used **ASP.NET security** infrastructure for authenticating and authorizing user access as well as performing other security related tasks using C#, .NET.
* Experience in building efficient pipelines for moving data between **GCP** and **Azure** using **Azure Data Factory**.
* Managed authentication using **ASP.NET forms** authentication.
* Managed authorization using windows groups and using ASP.NET, **VB**.**Net** roles.
* Worked on WCF Service, Operation, Data, Fault and Message Contracts.
* Effectively used **jQuery** a concise JavaScript Library for traversing HTML document, event handling and **AJAX** interactions.
* Managed changes to the documents, files or set of files by using revision control.
* Identified the candidate build based on the Internal testing and then moved the same to the Prod and Staging environments.

**Environment:** .Net Framework 3.0, Azure DevOps, ASP.Net 2.0/3.0, VB.Net ADO.Net, SOAP, HTTP, ASP.NET, Xml, XSLT, JavaScript, ReactJS, MVVM IIS 6.0, Entity Framework, Tableau, HTML, DHTML, Bootstrap CSS, Ajax Toolkit, C#, SQL Server 2008, T-SQL, AJAX, Visual Studio 2010, SSRS, Azure DevOps.

**Client :** **Marks and Spencer’s, India July 2013 – August 2017 Role : Junior .Net Developer**

**Responsibilities:**

* Involved in projecting Flow Diagrams and business processes and documenting every stage of **SDLC**.
* Assigned to technical design and architecture of the Customer Care Project including a redesign and development of a software framework.
* Led the migration of a legacy project to a new framework. Developed codes and contributed in code reviews and unit testing of the framework - instrumental in reducing the coding effort by automating software components.
* Client-Side Validations was handled using JavaScript and **ASP**.**NET** Controls.
* Designed reusable methods, Classes using **Object Oriented programming** in **C#,** **Visual Studio**.
* Involved in creation of stored procedures in **MS** **SQL** **Server** **2012**.
* Used Ajax to create better, faster and more user-friendly web applications.
* Deployed web application to the Production server using **Azure** App Service.
* Used windows **Azure** provides services for the interaction of developer and integrated with .net for a smooth website creation as well as to provide content delivery network.
* Followed agile methodology as a **SDLC** Practice and participated in scrum sessions.
* Used Team Foundation Server (**TFS**) as the source control in the entire development life cycle of the applications.
* Developed a web control, reducing the dependency on a recurring UI binding and view on the website. Lessened the architectural problems by following **CMMI** process in the software development cycle.
* Developed different User controls for data input and display for the web applications using ASP.NET.
* Developed the user interface for back-office support and worked collaboratively in **Agile** **scrum** team on the design and development of application based **MVC** framework using **Angular**.js, Bootstrap, **HTML** 5.0 and **CSS3**. Application based on three tier architectures, and **LINQ** is used to query the generic collection objects.

**Environment:** .Net Framework 3.0, ASP.Net 2.0/3.0, VB.Net ADO.Net, SOAP, HTTP, ASP.NET, Xml, XSLT, JavaScript, AngularJS, MVVM IIS 6.0, ADO.Net Entity Framework, Windows Services, Bootstrap, SSIS, SSRS, Telerik, Microsoft Azure.