**Kapil Sri Sai Pushadapu**

**Full Stack .Net Developer**

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**PROFESSIONAL SUMMARY:**

* Around 9 years of programming experience in analyzing, designing and developing Web & Windows (Client/Server) based and N - Tier Applications using C#, ASP.NET, ASP.NET MVC, ADO.NET, Entity Framework, WCF, AJAX, Web Services, CSS, Windows Applications, Web Forms, ANGULAR JS, JQuery, Java Script, MS SQL Server, T-SQL, SSIS and SSRS. JavaScript and SQL Server 2012/2016 and SQL Server 2019.
* Expertise in developing various applications using .NET Technologies like C#, ASP.NET, VB.NET, ASP.NET MVC, ADO.NET, ENTITY FRAMEWORKS, WCF, WPF, ORM, IIS, XSD, XML, SPA, windows forms and REST Webs.
* Expertise in SQL Server 2019 stand alone and cluster environments. Databases Analysis and Design, Stored Procedures, Triggers, Transactions, Dynamic Queries, User-defined Functions, Views and SQL Server Reporting services (SSRS).
* Extensively used view rendering JavaScript frameworks like jQuery, React JS and Ember JS.
* Strong experience in unit testing tools of JavaScript framework like Karma, Jasmine and Protractor for Angular, Mocha and Chai for React JS.
* Actively involved in using Angular JS, Bootstrap4 and HTML5 to enable client-side date to meet specific criteria by applying various validation variable.
* Good experience in React JS for creating interactive UI's using one-way Data flow, Virtual DOM, JSX, React Native concepts.
* Extensive experience in Building web applications using Kendo UIwidgets, JQuery, Angular 14-18
* Extensive experience with (Storage, Application Services, Deployment and Management) and managed servers on AWS platform instances using Puppet and Harness along with Splunk, Chef Configuration management.
* Used terraform to write Infrastructure as code and created Terraform scripts for EC2 instances, Elastic Load balancers and S3 buckets
* Experience in programming the Data Access Layer (DAL), Business Logic layer (BLL) and Presentation Layer (UI) using C#.NET, and HTML.
* Implemented Azure App Service to deploy and host web applications, APIs, and mobile backends, taking advantage of its automatic scaling and managed infrastructure.
* Utilized Azure Functions for serverless computing, allowing the execution of code in response to events or triggers without managing server infrastructure.
* Used Signal-R to add real-time web functionality to Kendo UI grids
* Hands on experience in AWS provisioning and good knowledge of <strong>AWS services like EC2,S3,Glacier,ELB,Redshift,AWS,Cloudfront,Harness,Splunk,Security Groups.
* Experience in designing and implementing AWS Solutions using EC2, S3, and EBS, Elastic Load balancer (ELB), VPC and Cloud Formation.
* Created and Maintained Web Content and Email Templates relating to AWS.
* Performed automation engineer tasks and implemented the ELK stack (Elasticsearch, Fluentd, and Kibana) for AWS EC2 hosts.
* Building the core engine part which communicates with AWS S3 store and retrieve files, files should be encrypted before storing and decrypted before retrieving, a REST API runs over the engine to provide client interface.
* Strong Experience in using MVC and WebAPI applications to implement applications employing Service-Oriented Architecture (SOA) and REST using .NET Technologies
* Experience in working with ASP.NET Web Forms, User Controls, Master Page, various types of Data Grids and HTML features and AJAX Extensions.

**TECHNICAL SKILLS:**

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| **Programming Languages:** C# .NET, VB.NET, VB, C,MAUI,C++, T-SQL, PL-SQL, .NET Core, VB.NET (10.0/9.0/8.0), VB6, ASP.NET, Python |
| **Web Technologies:**HTML, DHTML, XML, XSLT, XSD, WSDL, XAML, SOAP, CSS, Web forms, POWERSHELL, ASP.NET MVC, CSS3, Resharper, Fiddler, SOAP UI, Postman |
| **Microsoft Technologies:** MVC .NET, ADO.NET, AJAX, Classic ASP, Signal, WPF, SILVERLIGHT |
| **Distributed Technologies:** .NET Remoting, WCF, Web Services (SOAP, REST), LINQ |
| **Scripting Languages:**JavaScript, jQuery, knockout JS, Node JS, VB Script |
| **Data Bases:**SQL SERVER 2019/2016/2014/2012/2008/2005/2000 , Oracle11g/10g/9i/8i, MS Access, MS Excel, MY SQL, Cosmos DB |
| **Framework:**Microsoft.Net 1.X/ 2.0/3.0/3.5/4.0/4.5/4.6, 5.0, 6.0 AngularJS, Angular, React, ReactJS |
| **Operating Systems:** Win NT, Win 95/98, Win- 2000/2003/2008/2010 , Windows Vista, OSX, Unix |
| **IDE Tools:**Visual Studio 2003/05/08/10/12/13/15 ,19, 22. Code Plax |
| **Cloud Platforms:**Microsoft Azure, AWS |
| **Reporting Tools:**SQL Server Reporting Services (SSRS), Crystal Reports 9.0 |
| **Version Control:**GIT, Team Foundation Server, Subversion, SVN, Visual Source Safe |
| **Testing:**Unit Testing, Manual Testing, Integration Testing, Unknit Testing, Regression Testing. |

**PROFESSIONAL EXPERIENCE:**

**CBRE - Dallas, Texas Jan 2024 - Present**

**Full Stack .Net Developer**

**Responsibilities:**

* Designed client-side and server-side validation checks, session management and efficient data access management using ASP.NET MVC 5.2
* Implemented rich content front-end using Angular, HTML5 and CSS3. Designed various components in Angular and consumed the backend ASP.NET web API.
* Worked with ASP .NET web forms and involved in writing and modifying the back-end code of asp.net web pages.
* Developed new user interface components for different modules using Kendo UIwith various controls including Grid controls, and chart controls etc.
* Worked with advanced concepts of ASP.NET Core MVC such as Models and Providers, Filters used for developing backend technology.
* Designed and developed restful APIs for mobile app in .Net Core which are authenticated with JWT token.
* Developed and integrated SSRS reports into .Net Web application Pages, and Supported and developed the SSIS Packages.
* Developed and managed databases using Azure SQL Database, Azure Cosmos DB, or other Azure database services, ensuring data availability, scalability, and security.
* Implemented Azure Storage for storing and managing unstructured data, such as files, blobs, or queues, in a secure and scalable manner.
* Implemented Microsoft Threading and Tasks modules to generate asynchronous requests to get Carrier and shipment data.
* Developed Stored Procedure in Sql Server to identify the frequently purchased products and retrieve each product NFMC code for providing better quotes.
* Developed the backend project for confidential using SSIS 2008, and entered by the business and users and configured serval SSIS packages to reflect the applications.
* Utilized Sql Joins and sub-queries to simplify complex queries involving multiple tables while optimizing Stored procedures
* Extensive use of Kendo UI framework was made - including widgets likeKendo grid,Kendo autocomplete,Kendo window, etc., including the use ofKendo core framework features
* Utilized C# and applied Object-Oriented Programming (OOP) concepts to design the application using ASP.NET Web Form, TypeScript, MVC, WebAPI etc.
* Developing Web APIs in .Net Core 2.1 platform and consume in web-based application, consume 3 rd part APIs to interact with check scanning & depositing process.
* Involved in User Interface design and business layer implementation using C#, jQuery, NodeJS, TypeScript, Angular and WebAPI.
* Involved in Creating SQL Server database to responsively handle. NET data access components and created the dynamic schema by using NoSQL.
* Worked on the REST/WebAPI to create the services and tested on MAUI Fiddler and Used Angular to create the views.
* Written several packages using SSIS 2008 for data migration and ETL Process.

**Environment:** ASP.NET MVC 5.2, C# .NET,AWS , Angular, HTML5, CSS3, ASP.NET web API, PL/SQL, SSIS,Visual Studio 2019/, Visual Studio 2022 TypeScript, Oracle, T-SQL, jQuery, NodeJS, web services, WCF, LINQ, AJAX, XML, SQL 2012, REST/WebAPI,Harness, Fiddler.

**AgFirst - Columbia, SC July 2021 - Dec 2023**

**.Net Developer**

**Responsibilities:**

* Developed Blob Trigger Azure functions using C# that gets triggered by the addition of new document in the blob container.
* Implemented Apache Kafka as publish subscribe messaging system that receives the events containing payloads produced by the azure functions.
* Implemented Azure functions as Kafka Consumers that gets triggered and executed when a new message is added to the kafka topics queue
* Involved in Creating Azure Storage account and Configuring Blob Containers, Tables and Queue storages.
* Migrating the HPOO to the Terraform and Breaking down the HPOO flows and tracking down which are able to provision in Terraform.
* Developed Web Api Controllers using Asp.Net Core to Post Application payload to Automated Data Processing services
* Developed and maintained enterprise-grade web applications using ASP.NET MVC/Core, C#, and Entity Framework.
* Built robust RESTful APIs and integrated third-party services to support scalable backend services.
* Created custom components and libraries in .NET Core to streamline code reuse and modular architecture.
* Optimized application performance by implementing asynchronous programming, caching strategies, and efficient database queries.
* Built Terra grunt project to manage Terraform configuration file DRY while working wif multiple terraforms modules and worked wif Terraform Templates to automate the Azure IaaS virtual machines using terraform modules and deployed virtual machine scale sets in production environment.
* Developed Model classes and added Data Annotations to validate Applicant Contract and generate entity classes.
* Written Serval transformations,sorting, PIVOTS,SCRIPT TASK,SQL,SQL COMMAND.SQL tasks using SSIS 2008.
* Developed helper classes to convert the blob image payloads to base64encoded strings to transfer over http protocol.
* Implemented Dependency Injection (IOC) in Asp.Net Core code to provide required services to the controller class.
* Implemented Angular Router to enable navigation from one view to the next as Customer performs application tasks
* Implemented angular services and consumed Rest services using HttpClient modules and consumed these services using Angular Dependency Injection

**Environment:** Asp.Net Core 6.0, Asp.Net Core 3.0, Azure Functions, Azure Blob Storage, Angular 12, Typescript, SSRS,Apache Kafka, Data Dog,AWS, JavaScript, SSIS,HTML,Harness, CSS Json, XML,Nunit,Visual Studio, Splunk,Terraform,Visual Studio Code, Sql Server Server Management Studio.

**Cigna - Bloomfield, Connecticut April 2019 - June 2021**

**.Net Developer**

**Responsibilities:**

* Developed Views and Web Forms using Master Pages, Layouts, HTML helper and JQuery with engine using MVC3 model.
* Implemented technical use cases by designing and developing the appropriate web pages in Asp.NET using C# code behind.
* Implemented MVC design pattern for developing the Web Application and used MVC5 application using Razor syntax for view engine, also used C# for the back end.
* Designed, developed and implementation of services using SOAP\REST, creating REST services using ASP.NET Web API.
* Worked with modules like MongoDB and mongoose for database persistence using Node.js to interact with MongoDB.
* Integrated front-end frameworks such as Angular/React with .NET Core APIs to deliver responsive and dynamic UIs.
* Collaborated with UI/UX teams to build accessible and user-friendly interfaces using HTML5, CSS3, JavaScript, and Bootstrap.
* Hands on experience using SonarQube, Splunk, Istio and Linkerd (service mesh).
* Written Templates forAWS infrastructure as a code using Terraform to build staging and production environments and defined Terraform modules such as Compute, Network, OperationS.
* Designed and maintained complex SQL Server databases, including stored procedures, triggers, and views.
* Extensively used ADO.NET objects such as Data Adapter, Data Reader, Dataset and Data View for reading/updating records in the database.
* Involved in writing complex SQL Statements, Views and Stored Procedures, Indexes to validate data and ensure system integrity and security Written LINQ functions for data access.
* Worked in Agile/Scrum teams, participated in sprint planning, and delivered features in short iterative cycles.
* Collaborated cross-functionally with QA engineers, designers, and project managers to meet tight deadlines and client expectations.
* Led migration of legacy ASP.NET Web Forms application to ASP.NET Core, improving maintainability and performance.
* Improved application uptime by implementing robust exception handling and logging mechanisms using Serilog and ELK Stack.
* Worked on Message Queue Tasks for Bypassing and receiving messages, specifying and falling when time-out occurs and overwriting the message.
* Automated build and deployment processes using Azure DevOps, Git, and CI/CD pipelines for smooth delivery cycles.
* Deployed .NET applications to Azure App Services, configured monitoring with Application Insights, and scaled resources as needed.
* Wrote unit and integration tests using xUnit, NUnit, and Moq to ensure code reliability and maintainability.
* Familiar in updating, accessing and version controlling the code using Team Foundation Server (TFS), sub-version and GitHub.
* Actively participated in Scrum meetings of the project implemented in Agile project management methodology.

**Environment:** ASP.NET, ADO.NET, SQL, Mongo DB, Node.js, LINQ, Terraform,TSQL, XML Web Services, JSON,React JS,HTML5, jQuery UI and D3.JS, MVC, Bootstrap, AWS, Splunk,HTML5, React JS and CSS3.

**Innova Solutions - Hyderabad, India May 2016 - Dec 2018**

**Software developer**

**Responsibilities:**

* Developed web applications with user specific requirements, creating out of the box workflows and the SharePoint enhancements were implemented using C#
* Extensive development using ASP.NET, Master Pages, Themes, Web Parts, Provider Model, JavaScript. Also involved in proof-of-concept using ASP.NET Model-View-Controller, MVC pattern.
* Used JQuery, ASP.NET, AJAX toolkit controls and CSS to enhance the performance and richness to the user interface.
* Involved in logical and physical database implementation, creating tables, stored procedures using SQL Server.
* Leveraged GraphQL's batched queries and caching mechanisms to optimize data fetching and minimize network round trips.
* Designed, developed, and deployed scalable software applications using modern programming languages such as C#, Java, Python, or JavaScript.
* Collaborated with cross-functional teams to define software requirements and translate business needs into technical solutions.
* Applied object-oriented programming (OOP) and design patterns to write clean, maintainable, and reusable code.
* Delivered end-to-end features, from UI design to backend development and database integration.
* Built responsive web applications using HTML5, CSS3, JavaScript, and front-end frameworks like React, Angular, or Vue.js.
* Developed and maintained RESTful APIs and microservices architectures using technologies like .NET Core, Spring Boot, or Node.js.
* Designed relational databases with SQL Server, PostgreSQL, or MySQL and implemented efficient queries, views, and stored procedures.
* Worked with NoSQL databases like MongoDB or Redis for high-performance and scalable data solutions.
* Implemented CI/CD pipelines using tools like Jenkins, GitHub Actions, or Azure DevOps, improving release frequency and code quality.
* Deployed applications to cloud platforms such as AWS, Azure, or Google Cloud, ensuring high availability and scalability.
* Implemented GraphQL middleware and authentication/authorization mechanisms to secure GraphQL APIs and control access to data.
* Developed GraphQL API based internal tools to enhance quality and performance of existing code base and deployed in Cloud Foundry, AWS S3 and Kubernetes.
* Utilized React Hooks to manage state and side effects in functional components, replacing class components and enhancing code organization.
* Developed performant and optimized React applications by utilizing techniques such as memoization, lazy loading, and code splitting.
* Leveraged React Context API for managing global state and sharing data between components without prop drilling.

**Environment:** C#, ASP.NET, VB.NET, WCF, SQL Server, ASP.NET Web Server Controls, Test Driven Development (TDD), Service Oriented Architecture (SOA), GraphQL, ElasticSearch, WebAPI, JQuery, Ajax, Master Pages, Themes, Web Parts, JavaScript, Software Development Life Cycle (SDLC), HTML, React, ADO.NET, Docker, AWS, SOAP.