**Ashika**

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* Experienced in developing web applications using C#, ASP.NET Core, ASP.NET Core MVC, .NET Core 3.1, JavaScript, jQuery, Bootstrap 4, JSON, HTML, CSS, and NuGet Package Manager.
* Expertise in deploying the Web Apps and Web APIs using Azure App Service.
* Experienced in creating, configuring and using the Azure Cosmos DB containers.
* Experienced in Continuous Integration and Delivery of Web Apps using Azure Pipelines.
* Expertise in provisioning Windows and Linux virtual machines using Azure PowerShell, Azure CLI and Azure Portal.
* Proficient in deploying Web Apps and APIs using Docker Engine and Azure Container Registry.
* Expertise in configuring and hosting Web Apps using NGINX Web Server in Linux Ubuntu operating system.
* Experience in implementing the SSO authentication and authorization using Azure Active Directory.
* Experience developing different types of Azure Functions such as Http trigger, Timer trigger, Timer trigger, Durable functions, Service bus trigger, Event-Hub trigger, and many more.
* Expertise in implementing and consuming REST APIs using ASP.NET Core Web API, ASP.NET Web API, Azure Management REST APIs.
* Implemented WinForms applications, Windows Services and Class libraries using C#.
* Experienced in creating database objects and writing Database SQL Queries, Stored Procedures, Functions using relational databases MS SQL Server and Oracle.
* Experienced in data access layer development using Entity Framework, Entity Framework Core, and ADO.NET.
* Experienced in creating data flow diagrams, writing functional and technical specification documents.
* Proficient in using Azure DevOps Services for project management tasks, source code repository, continuous integration and deployment.
* Implemented test-driven development using Microsoft’s MS Test framework.
* Expertise in performance tuning and fixing application bugs.
* Effective team player with an ability to prioritize and accomplish tasks.
* Quick learner, strong problem solving and debugging skills.
* Experience in design & development of database centric Applications & Web based applications.
* Proficient in XML Web Services, WCF Services, Web Forms, Windows Services, JavaScript, DHTML
* Hands-on experience in seamlessly integrating web applications with Enterprise-level Human Resource Management Systems (HRMS), utilizing .NET technologies to ensure smooth data flow and system interoperability.
* Experience using Visual Studio SDK to extend Visual Studio functionality
* Experience in B2B web applications, software testing and GUI development.
* Hands on experience in using Web Servers like IIS

##### EDUCATION/TRAINING/CERTIFICATION

**Education:**

Bachelors

**Certifications:**

Microsoft Certified Azure Developer Associate (AZ-204)

Microsoft Certified Azure Solutions Architect Expert (AZ-305)

##### TECHNICAL ENVIRONMENT

**Skill:** C#, ASP.NET, WPF, WEB API, MVC, HTML, Ajax, Bootstrap, CSS, XSD, XML, XSLT, Web Services, WCF Services, RESTful Web Services, DSF Services, JavaScript, jQuery, Knockout JS, React, Angular, SQL Server, Oracle, MySQL, SSIS and SSRS, TFS, VSTS, GIT, Bit Bucket, Source Tree, Tortoise GIT, Ranorex, Rapise, Selenium, NUnit, JIRA, Test Rail, SpiraTest, QTest, Power BI Desktop, Power Query, DAX (Data Analysis Expressions), Data Modeling, Data Visualization, Data Cleansing and Transformation, Jenkins, Docker, Browser Stack, Python, Pytorch, Google Vision API, Azure ML Studio, Cognitive Services, Azure App Service, Azure Service Bus, Azure SQL, Azure Pipelines

##### MAJOR ASSIGNMENTS

**Client: Nuvalence, New York Apr 2022- Present**

**Senior Full Stack .Net Developer**

**Responsibilities:**

* Responsible for enhancements for Front End labelling and Back End labelling applications
* Developed web applications for various purposes using ASP.Net MVC server-side scripting with .NET Framework, Visual Studio, C#.Net, Web API and Angular.
* Responsible for maintaining versioning/Source control for the project using GIT, responsible for creating work items, Tag the branches and manage.
* Implemented Azure Service Bus as a messaging service while rating the shipping application with various shippers.
* Utilized Terraform, YAML, and ARM templates to define and deploy Azure infrastructure components programmatically, enabling the automation of resource provisioning and configuration management, resulting in increased efficiency and consistency.
* Developed quick small applications using Microsoft PowerApps, Power Automate, SharePoint online and Azure Cognitive services.
* Implemented continuous integration (CI) and continuous deployment (CD) pipelines using TFS build and release management, resulting in automated and reliable software delivery.
* Integrated OpenID Connect seamlessly with OAuth 2.0 to provide identity layer functionality, enabling secure and standardized authentication while leveraging OAuth for access token management.
* Implemented Automation for Azure services using azure runbooks, Azure logic apps.
* Developed web application using ASP.NET MVC 5 (Model-View Controller) and Angular
* Lead the migration process from the legacy .NET Framework to .NET Core 6, ensuring a smooth transition while addressing any compatibility issues.
* Created a Web application using Blazor technology with .Net Core framework.
* Use Azure Devops with Git as version control system.
* Demonstrated expertise in leveraging ARM to orchestrate and manage Azure resources, including virtual machines, storage accounts, databases, networking components, and more, ensuring consistent and scalable infrastructure deployments for .NET applications.
* Deployed and configured Azure virtual machines to host ASP.NET applications and Azure SQL databases for data storage in Azure, ensuring scalability and reliability.
* Configure Azure Devops pipelines for build and Deployment
* Extensively used ADO.NET, Entity Framework 4.6 for interfacing this application with the SQL Server.
* Created Stateful serverless long running workflows with Azure durable Function for user activity.
* Designed and developed PowerApps using Azure Cognitive services.
* Closely worked with different application Teams to modernize their existing process using Power Platform.
* Integrated Docker into CI/CD pipelines for automated building, testing, and deployment of .NET applications.
* Worked with SQL Server, Oracle, and PostgreSQL databases for creating complex Stored Procedures and tables useful for few Business Rules during Rate Shopping
* Used Key cloak for authentication to applications and secure services.
* Developed a comprehensive Power BI dashboard to analyze delivery performance, including peak trends, carrier accuracy, and region-wise savings.
* Responsible for design and develop by using .Net Framework 4.5, MVC, C#, XML, WCF, Ajax, SQL Server, Web API, HTML5, JavaScript, jQuery and Angular JS.
* Deployed web application to Microsoft Azure Service Fabric
* Utilized advanced concepts of ASP.NET Core MVC, including Models and Providers, employing Filters for backend technology development.
* Responsible for front-end development and client-side validations using JQUERY, JavaScript, Angular JS, Bootstrap.
* Implementing Azure Logic Apps, Azure Functions, Azure Storage, and Service Bus Queues for large enterprise-level ERP integration systems.
* Develop UI components for the customer specific applications in MVC and Angular
* Developed Microservices for new Carriers as part of the Modernization of ConnectShip
* Maintenance for the internal Web applications developed using MVC and Web API
* Implementation of the Hazardous materials approach for the carrier using the API
* Responsible for code reviews, code re-factoring and suggesting code level changes to the team.

**Client: Marcus & Millichap, California Jan 2019- Mar 2022**

**Lead Full Stack .Net Developer**

**Responsibilities:**

* Responsible for designing High Level and Low-level design documents for Application.
* Responsible for code reviews, code re-factoring and suggesting code level changes to the team.
* Responsible for the Production Client Support and help the users to resolve their complex data issues and help to understand Application flow as per Business objects.
* Based on design standards I followed OOA&D and OOPS, concepts (polymorphism, inheritance, SOLID and encapsulation) to design and develop web applications.
* Responsible for maintaining versioning/Source control for entire project using TFS and VSTS, responsible for creating work items, Policies on the solution and Branching.
* Developed multiple web applications for various modules using ASP.Net MVC 5 server-side scripting with .NET Framework 4.6, C#.Net, Web API and jQuery, Angular, React and Bootstrap HTML 5 and CSS 3.
* Used Git's pull requests and code reviews for collaborative development, ensuring code quality and team collaboration.
* Leveraged Terraform, YAML, and ARM templates to orchestrate complex Azure infrastructure setups, including virtual networks, compute instances, storage solutions, and security configurations, effectively managing infrastructure lifecycle and scalability.
* Integrated Azure monitoring and logging services (e.g., Azure Monitor, Log Analytics) into infrastructure code and pipelines, enabling real-time monitoring and compliance enforcement, ensuring the availability, performance, and security of Azure resources and .NET applications.
* Hands on experience in using Azure Functions and webjobs.
* Integrated .NET applications with various Azure services such as Azure Blob Storage, Azure Queue Storage, and Azure Key Vault.
* Worked on developing Runbooks in PowerShell and deployed using Azure DevOps to automation accounts. Release pipelines used AAD Application Registration (service principal) in the Azure DevOps service connections for authentication to Azure.
* Developed Angular 10 Single page application with Web API and SQL Server in the back end. Setup routing, used CSS, Bootstrap
* Worked on enhancements for the Angular application and updated the database with Stored Procedures.
* Demonstrated expertise in customizing and scaling HRMS integrations to meet specific organizational needs, including custom module development, data mapping, and business logic implementation, resulting in tailored solutions that enhance HR operational efficiency.
* Implemented OAuth (Open Authorization) for secure and delegated access to resources, enhancing user authentication and authorization processes within applications.
* Worked with Docker Swarm or Kubernetes for container orchestration in production environments.
* Used Authorization and Action filter to handle the controller action and used for making security decisions about whether to execute an action method.
* Developed complex Stored Procedure and migrated the Middle Tier Services Business Logic to Stored Procedure to optimize the performance of Application.
* Responsible for building Microservices with C#
* Experienced in containerized applications deployment using Azure CI/CD pipeline.
* Worked with Custom Role based Authentication in which authentication and authorization of the application is done from the database as well as AD group.
* Designed and developed web pages using HTML, CSS3, AngularJS, JQuery, AJAX, JavaScript and ASP.Net, WPF.
* Deploying Web Apps and Creating Web-Jobs, Experience in configuring Cloud Platform (Azure SQL and Cloud Services).
* Created custom Blazor components and utilized Blazor bult-in dependency injection system to encapsulate complex UI functionality, enhancing code reusability and maintainability.
* Presented insights and recommendations to senior management through visually compelling reports and dashboards using Power BI.
* Create pipelines in Azure Devops to CI/CD.
* Created and updated technical specification documents.
* Used NUnit for testing & debugging of the application for better performance.
* Application Production Support & Troubleshooting after the release.
* Develop "Test Evidence Tool" to reduce the effort of functional testing during their executions.
* Proven track record of implementing robust security measures and ensuring compliance with industry regulations (such as GDPR, HIPAA) during HRMS integration projects, safeguarding sensitive employee data and maintaining confidentiality.
* Helping customers understand the differences between Azure Function Apps & Web Jobs by providing necessary suggestions in choosing the right resource to match their business requirement.
* Implement Cognitive Services, Google Vision APIs for text detection and image identification.
* Implement Azure App Services for TRAX modules for Trax to Azure

**Client: SouthWest Gas, Las Vegas, Nevada Nov 2017-Nov 2018**

**Project:**

**Lead .Net Developer**

**Responsibilities:**

* Responsible for code reviews, code re-factoring and suggesting code level changes to the team.
* Responsible for the Production Client Support and help the users to resolve their complex data issues and help to understand Application flow as per Business objects.
* Responsible for the Code Optimization & Database Performance Optimization
* Based on design standards I followed OOA&D and OOPS concepts (polymorphism, inheritance, SOLID and encapsulation) to design and develop web applications.
* Designed and developed the .Net WCF services to interact with DAL.
* Developed UI for the complex business layer, integrated UI with Middle tier Services, .Net (WCF/WS), Third Party Web Services Application (TPA). Developed the Business Layer to communicate to different databases like MS SQL 2008/2010 and DB2 to allow end users to push and retrieve data for processing the Merchandise Item Information.
* Developed complex web forms using ASP.Net MVC server-side scripting with .NET Framework 4.0, C#.Net, Web API, RESTful services, and jQuery, Angular, Knockout JS
* Deployed services to Azure Kubernetes Services using Azure CI/CD pipeline and containerized applications.
* Worked on server-side Blazor applications to leverage the power of C# for interactive web development.
* Used JavaScript to enhance the dynamics and interactive features of web pages by allowing users to perform calculations, validate form inputs, and add special effects, Customize selections, Confirmation etc.
* Extensively used ADO.NET, Entity Framework for interfacing this application with the SQL Server
* Used LINQ Queries for the data filter after consuming WCF web services to minimize the load on the application.
* Created new Grid control to support client-side operation like sorting, filtering, and searching.
* Developed complex Stored Procedure and migrated the Middle Tier Services Business Logic to Stored Procedure to optimize the performance of Application.
* Extensively used ADO.NET, Entity Framework 4.0 for interfacing this application with the SQL Server
* Demonstrated proficiency in utilizing .NET technologies to integrate web applications with HRMS platforms via APIs, facilitating real-time data exchange and enhancing system interoperability and efficiency.
* Worked with Custom Role based Authentication in which authentication and authorization of the application is done from the database as well as AD group.
* Provided support during test and UAT phase of the project.
* Created and updated technical specification documents.
* Created some SSRS reports for showing reports to the customers depending on input parameters.
* Used NUnit for testing & debugging of the application for better performance.
* User Story analysis for Order management, Design Management, FTS Portal, and sizing of the stories during planning, triaging the bugs and prioritizing for next sprints.
* Deployment ownership for few Releases, support on deployments and Application Production Support

**Client: Bank of America, Hyderabad, IND Sep 2015-Aug 2017**

**Project:**

**.Net Developer**

**Responsibilities:**

* Developing the Web Service using DSF Framework (WCF, WWF) as per the requirements.
* Developing Web Application for testing the Web Services created using ASP.Net, AJAX, jQuery, XML, XSLT.
* Integration with other related DSF Services
* Preparation of Documents HLD, LLD, Test Cases, Use Cases.
* Carrying out Final Inspection, Audit, PMR, IPMS activities related to the Project.
* Consumed and created WCF and .Net WS services for integrating Meta data information like user information and file information to retrieve files.
* Provided support during test and UAT phase of the project.
* Used ADO.NET in connecting to Data Access management with SQL Server.
* Designed, developed the required SQL stored procedures, triggers, and database functions in SQL Server 2000
* Leveraged .NET framework to seamlessly integrate web applications with Enterprise HRMS systems, ensuring smooth data flow and functionality synchronization across platforms.
* Used datasets to populate the repeater controls and data grids in ASP.Net web forms.
* Activities included creating Use Cases, Flowcharts and Component Diagrams and participating in several performance Analysis Brainstorming sessions and meetings.
* Used TFS for version control

**Client: Gail Technologies, India July 2014- July 2015**

**Project:**

**Jr .Net Developer**

**Responsibilities:**

* Responsible for enhancing the existing web application using ASP.Net 3.5, AJAX, jQuery, C# 3.0 with backend as SQL Server 2008
* Wrote Queries, Stored Procedures and created tables using SQL 2010.
* Created Single-page Client side applications using JavaScript, HTML, CSS3, Bootstrap.
* Working on creating Rest Services using ASP.NET Web API and C#
* Developing the view models and controller actions method to fetch the data from the back end REST services and send it as JSON objects to the views.
* Developed Web forms using C#. Coding Business Logic in C# & ADO.NET .
* Created Business Logic Layer & Data Access Layers to implement the MVC architecture.
* Implemented Routing , URl, Security, Action Filter techniques for application development
* Involved in Web Service unit testing using SOAPUI Tool.
* ASP.Net Pages including Master Page Navigation using XML.
* Developed core functionality with the .NET Framework (C#.NET, ADO.NET)
* Preparing Unit Test Case documents.
* Worked on Cascading Style Sheets and XML-Schemas.
* Good knowledge on WPF/WCF Framework.
* Involved in functional and unit testing of the application.
* Perform Bug fixing both for UI and business logic.
* Divided and distributed all processes among five SDLC phases