**AVINASH DAKEY**

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**Full Stack .Net Developer**

**PROFESSIONAL SUMMARY**

* 8+ years of experience in IT industry in all phases of Software Development Life Cycle (SDLC) and production support of client/server-based applications using .NET technologies.
* Extensive experience in technologies like .Net Framework 4.7/4.6/4.5/4.0/3.5/3.0/2.0,
* C# (4,6,7,8), ADO.NET, .NET Core, Entity framework, IIS, ASP.NET MVC, Web API, Web Services, WCF, XML, Microsoft SQL Server, Oracle and MS Team Foundation Server, Telerik Controls, AJAX, VB.NET, Microsoft Azure, C#, Classic ASP, Silverlight, Crystal Reports, SQL Server Reporting Services (SSRS), IIS 5.0/6.0/7.0, CSS, HTML, XML, Oracle (8i/9i/10g), SQL Server 2012/2008/2005.
* Well-versed with Object Oriented Programming concepts (OOPS) and SOLID principles and used inheritance, polymorphism, abstraction, and encapsulation, in application development. Implemented design patterns during application design and development.
* Implemented data access layers using ADO.NET, connectivity between VB.NET applications and Oracle databases.
* Experience in web development technologies like HTML5, CSS3, JavaScript, VBScript, jQuery, DB2 Connect, Bootstrap, MS Dynamics CRM, Angular with data transfer done in XML and JSON formats with the web pages’ cross browser compatibility.
* Experienced developer in creating adaptive and responsive UI components and SPA’s using Twitter Bootstrap, HTML5, CSS, Ajax, JavaScript, and jQuery.
* Expert knowledge in using JavaScript frameworks like Angular 4/6/8/12/13, TypeScript.
* Experience in working with web services using WCF, SOAP, and REST.
* Developed applications using WPF, WCF, Telerik and DevExpress.
* Proficient in utilizing various PaaS solutions, such as, Microsoft Azure App Service.
* Experience in developing RESTful services using Web API.
* Experienced in implementing data-driven features in Angular Grid by consuming Web API endpoints and mapping the returned data to grid components.
* Extensive experience in designing, developing, and deploying microservices architectures following the Twelve-Factor app principles.
* Proficient in troubleshooting ETL failures, identifying root causes, and implementing solutions to address data integration issues.
* Used cloud technologies like Amazon Web Services (AWS), Microsoft Azure Blob and Pivotal Cloud Foundry (PCF).
* Experience in AWS Data Storage to filter the real time data objects. And integrate with interfaces like confluence.
* Experience in Writing PowerShell scripts to extract and analyse data from various sources, automating data processing and reporting.
* Worked on NgRx Effects to manage side effects, such as making HTTP requests, and synchronizing the application state with external data sources.
* Strong understanding of TypeScript's type system, including interfaces, generics, and union types, ensuring type safety and improved code quality.
* Proficient in performing CRUD operations with Angular Grid by utilizing Web API endpoints for creating, reading, updating, and deleting data.
* Knowledgeable in implementing message transformations and data mapping using BizTalk mapping tools.
* Extensively worked on ASP.NET MVC 3.0/4.0, RAZOR view engine and MVVM design patterns and good experience on PRISM framework.
* Also worked as a windows application developer in using WinForms, Timers, etc. and in creating Windows Services as scheduled jobs.
* Designed and implemented efficient build pipelines using Gulp.js to streamline the development workflow, resulting in significant time savings for the development team.
* Strong understanding of security considerations when integrating Angular Grid with Web APIs, including implementing token-based authentication, and securing sensitive data.
* Strong understanding of Domain Driven Design (DDD) concepts and its application in building scalable and modular microservices.
* Experience in using LINQ (Language-Integrated Query) and retrieve data from different data sources (LINQ to SQL, LINQ to Objects, LINQ to XML) and using Entity Framework (LINQ to Entities).
* Extensive working experience in database development, for creating complex database queries, writing Constraints, Indexes, Views, Stored Procedures and Functions using T-SQL and PL/SQL in SQL Server 2005/2008/2012, Oracle 8i/9i/10g.
* Having good knowledge of Importing and exporting of bulk data, backing up and restoring databases in SQL Server.
* Created and maintained SSIS packages to Import/Export data from flat files, XML, Excel, and Oracle
* Strong experience with logging and monitoring using Kibana, ELK (Elastic Search) and Splunk and with regular expression usage.
* Extensive experience in developing reports using Crystal Reports and SQL Server Reporting Services (SSRS).
* Experience in working with N unit and MS Test Framework for unit testing.
* Strong in Agile/Scrum software development, Waterfall, and Test-Driven Development.
* Used Microsoft Azure to deploy the applications and maintain the database in cloud.
* Hands-on experience in deploying applications to Microsoft Azure Cloud and Good Experience in TFS Branching and Merging.
* Experience in building .Net core and integrating applications in Azure Cloud Service, CI/CD.
* Used Team Foundation Server (TFS), GIT HUB, SVN and Visual Source Safe 6.0 for Version Control.
* Excellent technical ability, good communication skills and hardworking attitude, flexible working individual or in team environment.

**TECHNICAL SKILLS**

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| --- | --- |
| PROGRAMMING | C# |.Net |.NET Framework|.Net Core |VB.NET|ASP.NET| | ASP .NET MVC| WEB API| Entity Framework| Angular| LINQ| AJAX| jQuery| HTML|CSS| JavaScript| Angular JS| VB Script| T-SQL| PL/SQL| UML| Silverlight |
| WEB SERVICES | XML| SOAP| WSDL| UDDI| HTTP| WCF| WPF| WWF |
| WEB SERVERS | Internet Information Server (IIS) 5.0/6.0/7.0/7.5| |
| **DATABASES** | Oracle 7i/8i/9i/10g/12c| MS Access 2003/2007| MS SQL Server 2005/2008/2012/2014 |
| **CLOUD TECHNOLOGIES** | GCP| Azure| AWS |
| DEVELOPMENT TOOLS | Visual Studio.NET 2019/15/13/12/10/08| SQL Server Management Studio| |
| REPORTING TOOLS | Crystal Reports| SSRS (SQL Server Reporting Services) | SSIS |
| VERSION CONTROL TOOLS | SVN| GIT HUB| | TFS |
| TESTING TOOLs | NUnit |
| METHODOLOGIES | Agile| Scrum| Waterfall | TEST DRIVEN DEVELOPMENT(TDD) |
| FAMILIAR | Microsoft Office |

**PROFESSIONAL EXPERIENCE:**

**CVS Pharmacy, MA Jan 2023 to Present**

**Sr Full Stack .Net Developer**

**Responsibilities:**

* Used Agile software development environment SCRUM through Test Driven Development (TDD) and extreme programming to ensure teamwork, collaboration, and process adaptability throughout the life cycle of the project.
* Well-versed with Object Oriented Programming concepts (OOPS) and SOLID principles and used inheritance, polymorphism, abstraction, and encapsulation, in application development. Implemented design patterns during application design and development.
* Experienced developer in creating adaptive and responsive UI components and SPA’s using Twitter Bootstrap, HTML5, CSS, Ajax, JavaScript, and jQuery.
* Developed applications with .Net Technologies like ASP.NET, ASP.NET MVC with Razor, WPF, WCF, Web Forms, Win Forms and Web API.
* Developed reusable and controls using ASP.NET and C# in the .NET Framework.
* Maintained and enhanced existing VB.NET applications, implementing new features, fixing bugs, and optimizing performance as required.
* Utilized VB.Net in conjunction with .NET Core to develop web applications, APIs, and services.
* Developed interactive dashboards using Angular Grid, leveraging real-time data streaming from Web APIs to provide dynamic and responsive data visualizations.
* Expert knowledge in using JavaScript frameworks like Angular 2/4/6/8/12, TypeScript.
* Experience in working with web services using WCF, SOAP, and REST.
* Proficient in utilizing various PaaS solutions, such as, Microsoft Azure App Service.
* Successfully implemented NgRx Store, for Angular applications, to manage the application's global state.
* Created and maintained ETL documentation, including data flow diagrams, technical specifications, and process documentation for future reference and team collaboration.
* Implemented real-time collaboration features in Angular Grid applications, allowing multiple users to view and edit data simultaneously through synchronized Web API updates.
* Knowledge in Creating Single Page Application using the Angular framework.
* Handled large volumes of data during ETL processes, employing strategies such as parallel processing and data partitioning for improved performance.
* Participate in multi-functional project planning sessions with team members, members of the business unit(s) and requirements analysts to analyse requirements and provide design recommendations. All recommendations shall be provided to the COR/VA PM(s) prior to any implementation or changes.
* Developed web Application using C# (4,6,7,8), ASP.Net MVC, Razor View Engine, Entity Framework, LINQ, HTML, CSS, JavaScript, Ajax, JSON, Bootstrap, and jQuery.
* Translate high-level business needs, cases, and models into detailed design specifications. All technical documentation shall be provided to the COR/VA PM for approval.
* Use SQL Server Databases and .Net software technologies to develop Internet and intranet web services and web page applications.
* Used Gulp.js to optimize and minify front-end assets, reducing page load times and improving overall website performance.
* Developed and designed web application with the Angular and WEB API as backed layer by using .NET Core.
* Created .Net core application for Web API development.
* Coded in Angular 4/8/12/13 MVC framework to build web applications for internal use of the organization.
* Involved in developing Restful APIs using C# .Net.
* Implemented and optimized PL/SQL procedures, functions, and packages for data validation, transformation, and integration, resulting in improved application performance and efficiency.
* Used PowerShell to interact with REST APIs, automate Azure resource management, and perform system administration tasks.
* Extensive experience in developing reports using Crystal Reports and SQL Server Reporting Services (SSRS).
* Experience in building .Net core and integrating applications in Azure Cloud Service, CI/CD.
* Incorporated authentication and authorization mechanisms, such as JWT or OAuth, for secure API access.
* Created OOPs objects like Collections, Interfaces implementations using C# Generics for extracting data.
* Integrated Azure Service Bus with Azure Functions to build serverless event-driven architectures, processing incoming messages and triggering functions for further processing.
* Used Microsoft Azure to deploy the applications and maintain the database in cloud.

**ENVIRONMENT**: .NET Framework, ASP.NET MVC 5/4, MS Visual Studio 2019, Web API 2.0, C#, Entity Framework, LINQ, SQL Server 2016, HTML5, CSS3, Bootstrap 4, JavaScript, jQuery, Angular 8, XML/XSLT/XPATH, Azure, IIS, Team Foundation Server (TFS), SSIS, NUnit.

**UBS Weehawken, NJ May 2020 to Dec 2022**

**Sr Full Stack .Net Developer**

**Responsibilities:**

* Participated in various stages of software development life cycle (SDLC) analysis, design, development, and maintenance.
* Developed web application using .Net Core 2.0 framework. Used Entity Framework ORM as repository layer to connect to database.
* Built solid micro services architecture using .NET core platform.
* Designed and developed new features for the application using C# within .NET framework.
* Developed Web-Centric applications using Angular, JavaScript, jQuery and CSS3.
* Built application service layer using Angular 8 Dependency Injection.
* Implemented ASP.NET MVC strongly typed views, partial views, and attribute routing.
* Used Ajax, and JSON to post data from the client side to the database.
* Fixed issues on the legacy applications which was developed using VB6 components.
* Used Reflection in C# to invoke the methods dynamically.
* Developed the business layer with LINQ to Objects and LINQ to SQL.
* Implemented the rest API’s by using ASP.NET Web API 2.0.
* Used ASP.NET Web API and worked with different Http verbs such as GET, POST, PUT and DELETE and returned JSON format.
* Developed Windows service by using C# and Top Shelf.
* Created a repository and Unity of work patterns for accessing the database objects.
* Used SOLID principles for designing the applications.
* Converted .Net application to Microsoft Azure Cloud Service Project as part of cloud deployment.
* Used Azure for Scaling and checking the reliability of the applications which were developed during the project.
* Used Azure components like Service Bus, implemented a communication system between mutually interacting software applications, Message Queues, Redis Cache to support data structures such as strings, hashes, lists, sets, sorted sets with range queries.
* Used GitHub as source control repository for code version on CI/CD.
* Migrated application from on on-premises servers to azure VM.
* Worked on creating the stored procedures at various needs of the application.
* Used Team Foundation Server (TFS) for the version control for check-in, branch merging and creating build definitions.
* Was involved in deploying the code to lower environments through Azure DevOps pipeline and ARM template resources.
* Deployed code in various environments.
* Created an application to obfuscate the data by using C#, ADO.NET.
* Created Unit test cases by using MOQ framework to test the code that was developed.
* Handled the production issues and UAT sessions effectively.
* Worked on windows batch jobs by using TIDAL.

**ENVIRONMENT**: .NET Core 2.0, .NET Framework 4.6.2, C#.NET, ASP.NET, ASP.NET MVC 5.0, web API’S, Agile (scrum), SQL Server 2017, Visual studio Code, Azure DevOps, Visual Studio 2017, Power Shell, Team Foundation Server.

**GDIT -** **Rensselaer, NY Nov 2018 to April 2020**

**.Net Full Stack Developer**

**Responsibilities:**

* Involved with the client team to design and develop the application according to client requirement using WCF and ASP.NET with the business logic implemented using C#.
* Involved in projecting Flow Diagrams and business processes and documenting every stage of SDLC.
* Developed solutions for diverse programming scenarios in C#.Net, employing Object Oriented Programming (OOPS) concepts such as Encapsulation, Inheritance, Polymorphism, and Abstraction.
* Developed application using ASP.NET MVC 4 to enable the full control over the rendered HTML5 and jQuery for client-side scripting.
* Worked with ASP.NET MVC 4 for creating views to display data by making Ajax calls to action methods in MVC controllers.
* Implemented client-side validations using jQuery/Java script and ASP.NET MVC 4. Data annotations to do validations on the Model Data.
* created data-driven applications using VB.Net, including database connectivity, querying, and data manipulation.
* Collaborated with development teams to identify and resolve issues with Angular Grid, ensuring smooth functionality and optimal performance.
* Designed and implemented secure authentication and authorization mechanisms using VB.Net and ASP.NET.
* Designed and developed web applications based on MVC Frameworks with Angular.
* Developed the Windows/desktop application using WPF (Windows Presentation Foundation) framework and followed MVVM pattern.
* integrated VB.Net applications with external APIs and services, utilizing technologies include REST, Web Services.
* Strong understanding of data binding and integration with backend services to populate Angular Grid with dynamic data.
* Implementing enhancements to legacy systems developed in Classic ASP.
* Developed system services SOA application platform for use by all web applications utilizing Windows Communication Foundation (WCF) services.
* Implemented advanced reporting functionalities in Crystal Reports, such as drill-down, drill-through, sorting, filtering, and aggregation.
* Involved in building .Net core and integrating applications in Azure Cloud Service, CI/CD.
* Created the Data access layer and Data access objects using Entity framework and LINQ to reduce impedance mismatch.
* Developed the independent WCF (Windows Communication Foundation) services and defined Service contracts for specific functionality in project search module.
* Knowledge in Creating Single Page Application using the Angular 2 framework and implemented form validation using validation controls.
* Worked on creating Rest Services using ASP.NET Web API and C#.
* Used Cascading Style Sheets (CSS) to control the style and layout of multiple Web pages all at once.
* Utilized PaaS features for automated deployments, CI/CD integration, and infrastructure provisioning.
* Developed new user interface components for different modules using Kendo UI with various controls including Grid controls, and chart controls etc.

**ENVIRONMENT**: .NET Framework, C#.NET, Visual Studio 2013, SQL Server 2012, Oracle 10g, Entity Framework 6.0, HTML, BOOT STRAP, AngularJS, LINQ, T-SQL, IIS 7.0, ASP.NET, ASP.NET MVC 4, WCF, Web services, SOAP, MSMQ, jQuery/JavaScript, XAML, AJAX, CSS, XML, AWS, Azure, TFS, Windows 2008 Server**.**

**Maisa Solutions Private Limited Hyderabad, India March 2017 to Aug 2018**

**.Net Full Stack Developer**

**Responsibilities:**

* Designed and implemented application using .NET Framework 4.6 using AngularJS and MVC.
* Used front end web development tools HTML5, CSS3, JavaScript, Typescript, Bootstrap, Angular JS, Angular2/4 to design UI.
* Designed and developed Presentation layer using Angular 4 and Angular material.
* Involved in all phases of project lifecycle i.e. requirement analysis, design, application development and testing for the project.
* Implemented WCF throttling and WCF concurrency to increase throughput of the WCF web service.
* Created Restful services using ASP.NET Web API for exposing these to mobile device.
* Implemented SQL Cache Dependency in WCF Services.
* Involved in development of MVC patterns for client server interaction.
* Implemented LINQ to SQL for the data access operations.
* Interacting with Product Owners and all stakeholders to gather requirements.
* Designed and developed user interfaces using ASP.NET MVC Partial Views and multiple interfaces to transfer the data into different server.
* Involved in deployment of application on web server.
* Involved in Unit and Functional testing using NUnit.
* Used GIT to maintain the version control history during development.
* Active participation in different scrum ceremonies like grooming, planning, standup and Retrospectives.
* Responsible for the Code Reviews, managing development and release branches in GIT source Repository and deployment of code to different environments.

**ENVIRONMENT**: Visual Studio 2015/2017, C#, Microsoft SQL Server 2014/2016, .Net Framework 4.6, Entity Framework, C#, GIT, MVC 5, WebAPI, AngularJS 1.x/2/4, JavaScript, JQuery, LINQ, IIS 7.0, HTML, XML, TFS, Bootstrap.

**Amigos Software Solutions, Hyd, India July 2015 to Feb 2017**

**Software Developer**

**Responsibilities:**

* Worked on two Projects as a developer, analyst, and unit tester, developed business logic using C#, Asp .NET, MVC, ADO.Net, JavaScript, Ajax &amp; JQuery, also worked on SQL queries for creating, altering and updating tables, stored procedures, functions and triggers.
* Graphical User Interface (GUI) was designed using ASP.NET MVC and the business logic was coded in C# MVC Controllers.
* Implemented Two Way Data Binding in AngularJS to bind JavaScript object with HTML UI elements.
* Implemented validation method for form input in web page using combination of normal HTML validator and AngularJS form state and input state.
* Integrated the different pages to be a Single Page Application (SPA) using Ng Route and route Provider in AngularJS.
* Designed and implemented WCF REST service for stateless webservice behavior.
* Consume REST API for save and retrieve data from third party using C#, Json and XML.
* Developed the application using HTML, CSS, JavaScript, AJAX and AngularJS.
* Worked on WCF services and hosted it with Asp.Net in MVVM architecture. Also worked with C# based multithreaded applications.
* Used Generics, Lambda Expressions, Extension Methods, LINQ to SQL, LINQ to Objects
* Experienced in client requirement Analysis, Physical, Logical design, development (using Erwin, normalization and SQL Server Enterprise manager), Resource Planning, Coding, Debugging, Testing, Deployment, Support and Maintenance.

**ENVIRONMENT**: Visual Studio 2012/2015, AngularJS 1.5, SQL server 2012, Rest Services, IIS 8, HTML5, CSS3, ASP.NET, C#, VB.Net, .NET Framework 4.5, MVC 4.0/ 5.0, HTML, XML, SQL Server, PowerShell Scripting, Oracle, WCF, JavaScript, JQuery, AJAX, NUnit, VSS.

**Education Details:**

**Jawaharlal Nehru Technological University July 2011 to May 2015**

**Bachelors in Electronics and Communication Engineering**