

ARCHANA PADALA

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PROFESSIONAL SUMMARY:

4+ years of professional experience specializing as a **.NET Developer**, focusing on proficient Application Design, development, and maintenance.

- Demonstrated proficiency in **agile software development methodologies and Test-Driven Development (TDD) practices.**
- Extensive expertise in analyzing, designing, and building **N-Tier and Web-based (Client-Server) applications utilizing a robust toolset including C#, Microsoft Framework, ASP.NET Core, ASP.NET MVC, .Net 5, ASP.NET MVC, ADO.NET, Entity Framework, Microsoft Windows Communication Foundation, AJAX, Web Services, Angular, Bootstrap, CSS, Typescript, JavaScript, and SQL Server.**
- Proficient in **.NET Framework, .NET Core/ASP.NET Core, ASP.NET Core Identity, Entity Framework (EF) Core, MVC Core and ASP.NET Core Dependency Injection.**
- Specialized knowledge in **.NET security features**, encompassing Authentication & Authorization, Windows-based Authentication, Form-based Authentication, and Roles and Users Authorization.
- Experience in integrating applications with **Azure services such as Azure Active Directory, Azure Functions, and Azure Storage to create highly scalable and secure solutions.**
- Experience on MS Azure Cloud Architecture (PaaS and IaaS) assessments, also have an experience in Azure storage accounts like Blob, Queue, Table and Files.
- Expert in implementing **ASP.NET Web Forms using HTML5, jQuery, and interacting with a database through WCF.**
- Expertise in ASP.Net Web custom controls, user controls, and rich GUI development using AJAX toolkit, CSS, and Master pages.
- Comprehensive understanding of data structures, n-tier architecture, and proficiency in **design patterns (Singleton, Factory, Repository), architectural patterns (MVC, MVP, MVVM), as well as algorithms (Searching, Sorting, Recursion).**
- Strong understanding of **SOAP, REST, XML, WSDL, and JSON-based Web Services.**
- Expert in **ASP.NET server Controls, User Controls, Data Grid Controls, Form Validation Controls, and Custom Controls.**
- Skilled in creating **web applications, console applications, REST Services, and Web APIs.**
- Solid understanding of various protocols, fault messages, and message exchange patterns for developing WCF services.
- Experience in developing web services (REST (Representational State Transfer), SOAP), HTTP/HTTPS and SOA (Service Oriented Architecture), WCF (Windows Communication Foundation), Language Integrated Query (LINQ) and Entity framework.
- Expertise in **Entity Framework, ADO.NET, and T-SQL coding, writing SQL Queries, Stored Procedures, and User Defined Functions.**
- Good understanding of the **ADO.NET Framework's Connection, Command, Data Adapter, Data Set, Data View, Data Row, Data Grid, Data Column, Data Reader, and Constraint architectures.**
- Expertise with **SQL Server Reporting Services (SSRS) and SQL Server Integration Service (SSIS)**, and experience creating drill down, parameterized, cascading, conditional, and matrices, charts, and sub reports.
- Experienced in managing builds and releases using the **Visual Studio Team Service (VSTS).**

- Professional experience with the full software development lifecycle (SDLC), including configuration management with Visual SourceSafe, TFS, and Jira.
- Excellent communication and writing skills along with excellent analytical and problem-solving ability. Highly motivated and a team player.

PROFESSIONAL EXPERIENCE

KREATSOFT .NET Developer

Livonia, MI
Jan 2024 – Till Date

Project Description: It's a web-based application designed for users to view their demographics, productivity, performance, grant data, endowment data, financials, MOA's, FEEA's and quality metrics. It is a web-based application designed for multiple modules, including A.E. Service Center, recruitment, faculty management, compensation, teaching, endowments, grants management, faculty evaluations, productivity, and associated reports.

- Leveraged a comprehensive tech stack including .Net Core, APIs, Angular, C#, Entity Framework Core, SQL Server, TypeScript, HTML5 and Token-based authentication.
- Implemented Dependency Injection to seamlessly integrate Angular Services into Angular Controllers, enabling AJAX functionality.
- Additionally, developed custom directives to extend HTML capabilities and enforce specific functional behaviors.
- Used various bootstrap components like accordion, date picker, time picker, alert, buttons, modal and react bootstrap components.
- Worked on .NET Security features such as Authentication & Authorization, Forms-based Authentication, Authorizing Users, Roles and User Account Impersonation.
- Defined request-response message system, typically expressed in JSON, which is exposed via the web, most commonly by means of an HTTP-based web server by a server-side Asp. NET web API.
- Responsible for creating the screens with table-less designs meeting W3C standards.
- Used technologies provided by the .NET framework including ASP.NET, ADO.NET, web services using REST and data manipulation.
- Utilized SQL Server for storing the data related to the recruitment and Wrote Efficient queries and stored procedures that saved the manual efforts of cleaning the data and efficient data handling and sanitized data.
- Involved in designing and developing RESTful Web Services using Web API.
- Supported multiple languages and regions by implementing internationalization and localization for Angular applications.
- Configured and scheduled SSIS packages at defined intervals to integrate data correctly and on time.
- Ensured cross-browser compatibility across Safari, Opera, Firefox, Google Chrome, and Internet Explorer.
- Used NUnit to validate reliability and accuracy of the dynamic dictionary.
- Used Http Verbs and attributes with .NET Core to implement the Web API application.
- Provided effective communication between the team and the Project Manager throughout the project development.
- Managed multiple service desk tickets originating from the production environment, addressing various issues such as latency concerns. Specifically, tackled SQL performance tuning and indexing challenges to enhance system performance.

- Streamlined the development and deployment processes of .Net applications by implementing automation through Jenkins and TFS (Team Foundation Server).

Tech Stack: C#, Net Core, APIs, ASP.Net MVC 5, TypeScript, HTML5, Angular Material, React, Web API, NUnit, JSON, HTTP, Jenkins, TFS, Visual Studio, SSIS, SSRS, Agile, Windows.

KRR Technologies

Hyderabad, India

.NET Full Stack Developer

June 2018 – April 2022

Project Description: As a Full Stack Developer, I specialize in full-stack development using C#, ASP.NET, and Angular. I've created Restful Services with Web API, implemented a microservices architecture for scalability, and developed RESTFUL APIs with ASP.NET Core Web API for seamless communication.

- Utilized HTTP-based web servers to expose ASP.NET Web APIs, employing a standardized request-response message system predominantly communicated in JSON format, typically via ASP.NET server-side web servers.
- Leveraged the ASP.NET framework 4.8 to architect and develop the application.
- Implemented RESTful web services utilizing WPF, XAML, and Expression Blend for desktop applications, employing C#.
- Developed components for .NET Security encompassing various aspects including Authentication & Authorization, Forms-based Authentication, User Authorization, Role Impersonation, and Tracing.
- Created ASP.NET menus, grid views, and file uploads using ASP.NET controls.
- Utilized C# Restful Services to develop, test, and document applications.
- Used ADO.NET to retrieve search results from backend databases (asynchronous call), along with AJAX to update partial pages.
- Developed application pools in IIS7 so that WCF services can be called by multiple projects.
- Implemented ADO.Net for retrieving, querying, storing, and manipulating data to perform CRUD (Create, Retrieve, Update, Delete) operations.
- Interconnected multiple applications using Web Services (SOAP, UDDI, and WSDL).
- Ensured that user access and permissions in TFS are secure and controlled.
- Achieved timely and accurate data integration by ensuring that SSIS packages run at specified intervals.
- Integrated data from third-party Web services into web pages using ASP.NET user controls.
- Solved client-side problems using Fiddler and Postman.
- Analyzed and manipulated SQL Server data using ADO.NET.
- Managed issues and tasks using JIRA as part of my product management system.

Tech Stack: .Net Framework 4.8, C#, ASP.MVC 4, ADO.Net, ASP.Net WEB API, T-SQL, .Net Security, WCF, IIS, WPF, SOAP, UDDI, WSDL, TFS, NUnit, Postman, SQL Server, Jira, Windows.

EDUCATION

LAMAR UNIVERSITY

Master's in computer science

Beaumont, TX, United States

May 2022 – Dec 2023

TECHNICAL SKILLS

.NET technologies: C#.NET, VB.NET, ASP.NET Framework, ADO.NET, .NET Core, .Net 6/5, Web API 2, ASP.Net MVC 6/5, Web Services, Entity Framework 6.0/5.0(ORM), WPF, WCF Services, WinForms, Microsoft Silverlight

Web Technologies: HTML5, CSS, JavaScript, Angular JS, AJAX, JSON, WEB API 2, XML, XSL and XSLT.

Cloud Technologies: Microsoft Azure

Protocols: SOAP, SSL, FTP, TCP/IP, HTTP.

Database Access Technologies: Entity Framework, LINQ, ADO.NET

Databases: MYSQL, T-SQL

Reporting Tools: Crystal Reports, SSIS, SSRS

Version Control Tool: Team Foundation Server, Git and SVN.

Testing Tools: N-Unit

Software Engineering: Agile (Scrum), TDD, Waterfall

Operating Systems: Windows, Linux, Unix.