**Dheeraj Kumar Palival**

**.Net Developer**

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**Summary**

* 6+ years of hands-on experience as a **.NET Developer, proficient in designing, developing, and maintaining scalable web applications.**
* Proficient in developing applications using **C#.NET, .NET Core, ASP.NET, MVC5, ADO.NET, Entity Framework, Web API, LINQ, AJAX.**
* Expertise in database design, including writing **complex queries, stored procedures, views, triggers, and functions** using **SQL Server and PL/SQL.**
* Skilled in front-end technologies**: HTML5, CSS3, JavaScript, jQuery, AngularJS, ReactJS, Bootstrap.**
* Hands-on experience with **cloud platforms** like **Azure** and **AWS**, including **Azure DevOps**, **Azure Functions**, and **CI/CD pipeline implementation**.
* Expertise in creating and consuming **RESTful APIs** and **WCF Services**, enhancing data integration and service-oriented architecture (SOA).
* Proficient in version control systems like **Git**, **GitHub**, **TFS**, and tools such as **JIRA**, **Docker**, **Kubernetes**, and **Jenkins** for DevOps practices.
* Extensive experience in **SSRS, SSIS,** and SQL Server Reporting for data extraction, reporting, and visualization.
* Strong problem-solving and analytical skills with proficiency in **Agile** and **Waterfall** development methodologies.
* Solid understanding of **Azure Active Directory (AAD)**, **Graph API**, and authentication libraries for secure application development.
* Experience in developing plugins for **Microsoft Outlook** and working with **SharePoint** for collaboration and workflow management.
* Proven ability to work collaboratively within cross-functional teams, deliver high-quality solutions, and meet tight deadlines.

**Technical Skills**

* **Programming Languages:** C#, Java, Python, JavaScript.
* **.NET Technologies & Frameworks:** ASP.NET Core, ASP.NET MVC, ADO.NET, Entity Framework, LINQ, Web Forms, WinForms, Microservices Architecture.
* **Frontend Technologies:** HTML5, CSS3, JavaScript, Bootstrap, jQuery, AngularJS, ReactJS, AJAX, JSON.
* **Web Services & APIs:** RESTful APIs, Web API, WCF, SOAP.
* **Database Management:** SQL Server, T-SQL, MySQL, Oracle, PL/SQL, Stored Procedures, Views, Triggers, Functions.
* **Cloud Platforms:** Microsoft Azure (Azure Functions, Azure DevOps, Azure SQL Database), Amazon Web Services (AWS).
* **DevOps and Containerization:** Docker, Kubernetes, Jenkins, Azure DevOps, Continuous Integration and Continuous Deployment (CI/CD).
* **Version Control Systems:** Git, Team Foundation Server (TFS), GitHub, Bitbucket, Subversion (SVN)
* **Testing and Debugging Tools:** Unit, Microsoft Test Framework (MS Test), Postman.
* **Reporting and Data Integration:** SQL Server Reporting Services (SSRS), SQL Server Integration Services (SSIS), Power BI.
* **Design Patterns:** Model-View-Controller (MVC), Model-View-View Model (MVVM), Singleton, Repository.
* **Web Servers:** Internet Information Services (IIS).
* **Integrated Development Environments (IDEs):** Microsoft Visual Studio, Visual Studio Code, SQL Server Management Studio (SSMS).
* **Project Methodologies:** Agile Scrum, Waterfall.

**Professional Experience**

**State of California –** Senior .NET Developer July 2023 - Present

**Technologies:** Net Framework 4.5, ASP.Net 4.5, ADO.NET, MVC 5.0, SQL Server 2014, Visual Studio 2013, C#, .Net Core, Web API, JSON, HTML, RDBMS, JavaScript, IIS 8.0, NUNIT, Angular JS, Angular 4, React JS, WCF, T-SQL, PL/SQL, AZURE, GIT, TFS

* Participated in the **Software Development Life Cycle (SDLC)** phases, including **requirement gathering**, **design**, **analysis**, and **code development**, to ensure project alignment with client needs.
* Contributed to front-end development using **HTML5**, **Bootstrap**, **AngularJS**, **jQuery**, and **JavaScript**, enhancing user interface responsiveness and functionality.
* Developed client-side code using **AngularJS**, **NodeJS**, **jQuery**, and **JavaScript**, improving application performance and user experience.
* Authenticated users to obtain access tokens using **Azure Active Directory (AAD)** and authentication libraries for **.NET** and **JavaScript**, ensuring secure access to applications.
* Utilized **Telerik** and **Kendo Controls** for dropdowns, grids, and progress bars, enhancing the application's user interface and interaction.
* Developed and maintained responsive web applications using **Next.js, TypeScript, and Tailwind CSS**, enhancing UI performance and scalability.
* Developed **Razor Pages** in **ASP.NET 4.5** web application using **MVC 4** architecture with **C#** and **SQL Server 2012**, improving application performance and user experience.
* Implemented design patterns such as **n-tier**, **MVVM**, **Repository**, and **Singleton** to create reusable components, enhancing system maintainability and scalability.
* Utilized strong knowledge of **RDBMS** like **SQL Server** to optimize database performance, resulting in faster query processing and improved data retrieval.
* Performed **SQL Query Tuning** on **SQL Server RDBMS**, leading to enhanced database efficiency and reduced query execution time.
* Developed **WCF** and **Web Services** to provide **SOAP architecture** and configuration-based activation applications on **SOAP** and **REST** protocols, enhancing system interoperability.
* Created and consumed **RESTful APIs** using **MVC4 Web APIs**, improving data exchange efficiency between client and server.
* Implemented authentication for **NoSQL DB** through **Cassandra connector scripts**, ensuring secure data access.
* Migrated **SQL Server** databases to **SQL Azure**, enhancing database scalability and performance.
* Created **Jobs**, **Packages**, and developed reports using **SQL Server Reporting Services (SSRS)** and **SQL Server Integration Services (SSIS)**, streamlining data processing and reporting.
* Collaborated in writing **PL-SQL Stored Procedures**, **Functions**, and **Packages** to meet business requirements, improving data processing efficiency.
* Assisted in developing packages for data loading and extraction using **SSIS** and **C#**, streamlining data workflows and reducing processing time.
* Utilized **Team Foundation Source Control (TFS)** for version control and project management, ensuring code integrity and facilitating team collaboration.
* Implemented services on the **Windows Azure Platform**, enhancing application scalability and performance, leading to improved user experience.
* Implemented **CI/CD** practices using **Git** and **ASP.NET Core**, supporting higher-quality software releases and reducing deployment time.
* Applied **AAD Graph API** to programmatically access **Azure Active Directory** through **REST API** endpoints, improving authentication processes and enhancing security protocols.
* Built and maintained web content and email templates relating to **Amazon Web Services (AWS)**, resulting in improved user engagement and streamlined communication processes.

**State Farm –** Senior .NET DeveloperJune 2020 – Jan 2023

**Technologies:** Visual Studio 2013, ASP.NET, ADO.NET, C#.NET, T-SQL, CSS3, AJAX, MVC 3.0, JavaScript, Angular JS,

jQuery UI, IIS, HTML5, GIS Agile Methodology, ASP.NET WEB API, PL/SQL, SSRS, WCF, SQL SERVER 2008 / 2012

* Design Database (Creating Tables, Stored Procedures, Views, Index, and Relationships).
* Writing **SQL Scripts** to retrieve data and migrate data from different data sources using **SQL Server Integration Services (SSIS)**.
* Writing **SQL Scripts** for **Data Sets** to generate reports from **SQL Server Reporting Services (SSRS)**.
* Analyzed, designed, and developed web-based database-driven **Intranet application programs** and components using **ASP.NET**, **C#.NET**, **ADO.NET**, and **MVC 3.0**.
* Designed and developed applications on the **ASP.NET MVC Framework** using **Visual Studio 2013**.
* Engineered and exposed **Web Services** using **Windows Communication Foundation (WCF)** architecture for client communication and data exchange.
* Devised **Stored Procedures**, **Functions**, **Views**, and **Triggers** to retrieve data from the database.
* Modified existing **web applications** for enhanced functionality.
* Created **Web Applications** using **ASP.NET Web API** for service-based architecture.
* Leveraged **jQuery** for **Client-Side Validations**, calling **Controller Actions**, and making calls to **WCF Services**.
* Deployed **ASP.NET Validation Controls** and performed client-side validations using **JavaScript**.
* Administered **AJAX Controls** such as **Script Manager** and **Update Panel** to enhance the **User Interface (UI)** experience.
* Used **ADO.NET** and **Entity Framework** extensively for data retrieval, querying, and manipulation in **SQL Server 2012**.
* Involved in **Declarative Data Binding** for dynamically binding data to controls like **Data List**.
* Participated in **Refactoring** and **Silverlight Code** enhancements.
* Responsible for designing, developing, and deploying collaboration portals and master data workflows using **SharePoint Portal Server (SPS)**, **Windows SharePoint Services (WSS)**, and **.NET Framework**.
* Executed **Data List**, **Data Set**, **Data Adapter**, and **Grid View** to connect with an **SQL Database**.
* Built user-friendly, interactive web pages using **ASP.NET**, **AJAX**, and **JavaScript** for client-side validation.
* Developed **UI Pages** and layouts using **AngularJS 1.6**.
* Incorporated **Cascading Style Sheets (CSS)** for consistent design and layout across the application.
* Wrote **Stored Procedures** and **User Defined Functions (UDFs)** to retrieve data using **T-SQL** and **PL/SQL**.
* Strong knowledge of **Relational Database Management Systems (RDBMS)** like **SQL Server** and experience with **SQL Query Tuning** for optimized performance.
* Expertise in **SQL** and **PL/SQL** backend programming, including creating database objects like **Stored Procedures**, **Functions**, **Cursors**, **Triggers**, and **Packages**.
* Involved in **software development** and **production support** for equity trading flows, with a quick learning curve in trading environment.
* Worked within an **Agile Methodology (Scrum Framework)** to deliver high-quality outcomes on time.

**Lowe’s –** Junior .NET Developer June 2018 – June 2020

**Technologies:** Net framework 4.5/4.5.2, Silverlight 5.0, ASP.NET 4.5.2, C# 5.0, WCF, PRISM, SQL Server 2012,

Confidential -SQL, Win Forms, Web Forms, ADO.Net, HTML5, XML, JavaScript, Knockout V3.1.0, Windows

Server 2008, IIS 7.0

* Enhanced the **UI layer** using **ASP.NET 4**, **JavaScript Library**, **CSS**, **HTML**, **XML**, **UML**, **XSL**, and **jQuery**, while communicating with the business layer through **Windows Communication Foundation (WCF)** to improve application performance and user interface.
* Utilized **AJAX Control Toolkit** controls to minimize post backs to the server, enhancing user experience and reducing server load.
* Managed **.NET Master Pages**, **Themes**, **Validation Controls**, **Content Placeholders**, **CSS**, and **Web Forms** for UI development, ensuring consistent and efficient design.
* Participated in architectural discussions and developed application software using **Agile Development Practices**, including **Test Driven Development (TDD)** and **Continuous Integration (CI)** to improve software quality and delivery speed.
* Designed, developed, and tested **Web Forms** and **Web Services** using **IIS**, **ASP.NET**, and the **.NET Framework**, resulting in robust and scalable web applications.
* Enhanced system performance using **multi-threading** and **multi-processing** techniques for faster data processing and improved application responsiveness.
* Authored **RESTful Services** using **ASP.NET Web API** to expose analytics data, improving data accessibility and client satisfaction.
* Developed and integrated **CRM** solutions using **Microsoft Dynamics 365** and Power Automate, enhancing customer relationship management and business process automation.
* Generated and consumed **WCF Services** within the network and deployed them using **ASP.NET**, **RESTful Services**, and **XML**, streamlining customer service record retrieval and improving data accuracy.
* Utilized **ADO.NET** for database connectivity and populated back-end data using **SQL Server 2010**, ensuring reliable data management and enhanced data retrieval efficiency.
* Facilitated **IIS Migration** from **IIS 5.0** to **IIS 6.0**, ensuring a seamless transition, improved server performance, reduced downtime, and enhanced system reliability.
* Implemented and integrated **Salesforce solutions**, including **custom workflows**, **process automation**, and **API integrations**, to enhance business operations and data management.
* Implemented the user interface for **Windows Applications** using **Windows Forms**, **C#**, and controls like **Tree View**, **Tab Panel**, and **Toolbars** to improve application usability.
* Developed various **Custom Generic Classes** using **C#** and utilized **LINQ Expressions** to query data from different object collections, streamlining data processing and improving code efficiency.

**Education**

**Master of Science,** Computer Science

**University of New Haven,** New Haven