

KIMBERLY EMERSON

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Versatile **Full Stack Developer** with 20 years of comprehensive experience in Back-end Development. Expertise in working with ASP.NET stack, Microsoft Azure, and SQL Server as well as modern libraries and frameworks. Adept at self-management during solo projects and collaboration as a member of a diverse team. Current focus on deepening Front-end skills including JavaScript, TypeScript and Angular.

SKILLS

Front End

JavaScript, TypeScript, Angular 6+, jQuery, jQuery UI, Bootstrap, Razor, EJS, PUG, HTML5, CSS3

Back End

C#, ASP.NET Core, ASP.NET Framework, ADO.NET, Entity Framework, Dapper, NUnit, Node, Express JS, NPM, Mocha, ES Lint, Swagger

Databases

SQL Server, Mongo DB, Azure SQL, Cosmos DB

Business Intelligence

Power BI, DAX, SQL Server Reporting Services (SSRS), SQL Server Integration Services (SSIS), SQL Server Analysis Services (SSAS)

Tools

Visual Studio, Visual Studio SSDT, VS Code, PowerShell, Git, Universal Markup Language (UML), Markdown, Postman, Fiddler, Team Foundation Server (TFS)

CERTIFICATIONS



AREAS OF EXPERTISE

- ✓ Object-Oriented Programming
- ✓ SOLID Principles
- ✓ Model-View-Controller (MVC)
- ✓ Web API
- ✓ Agile Development & Scrum
- ✓ Technical Documentation
- ✓ Architectural Diagrams
- ✓ Stored Procedures/Functions
- ✓ Query Tuning

EXPERIENCE

> **Full Stack Developer**

Insight Global | Aug 2020 – Present

Working as member of a team developing ASP.NET MVC application using C#, jQuery, an internal ADO.NET project framework, and SQL Server to replace an existing Microsoft Access Application.

Highlights

- Completed discovery process on existing Microsoft Access application, including SQL Server databases, and integrations with internal and external systems to gather technical requirements.
- Writing and maintaining project technical documentation for Team Foundation Server (TFS) Wiki.
- Designed, implemented, and supporting SSIS ETL solution containing SQL, Data Flow, and Looping tasks.
- Developing SQL Server database utilizing schemas, views, functions, and stored procedures using Continuous Integration practices.
- Writing HTML views populated using jQuery functions and plugins including Select2, DataTables, Inline Editor, and Bootstrap-Datepicker.

Key Skills

C# | MVC | jQuery | ADO.NET | SQL Server | SSIS | Visual Studio SSDT | Markdown | Team Foundation Server (TFS)

>_ Software Developer Consultant

Kimberly Emerson Consulting | Oct 2019 – Mar 2020

Performed migration of a multi-tiered Azure environment containing Virtual Machines, API Gateway, Azure Databricks, Azure Data Factory, Virtual Networks, Data Warehouses, SQL Servers and SSIS solutions.

Highlights

- Assessed existing infrastructure on vendor Azure tenant and developed migration strategy to client-owned Azure tenant.
- Migrated Windows Server Virtual Machines and API Gateways using PowerShell to create Virtual Networks, Disk Snapshots, and Managed Disks - attaching newly created disks to Virtual Machines.
- Managed SQL Server Data Warehouse and SSIS solutions containing SAP bapis, OData calls, Excel and SQL Server data sources.
- Created application and integration architectural diagrams for Virtual Networks, Virtual Machines and API Gateways using Universal Markup Language (UML).
- Developed Power BI reporting including Tabular, Matrix, Gauge, Waterfall and KPI visualizations.

Key Skills

Microsoft Azure | SQL Server | SSIS | Power BI | DAX | Windows Server | PowerShell | Visual Studio SSDT | Postman | Markdown | Azure DevOps | Git | Universal Markup Language (UML)

>_ IT Developer

APQC | Apr 2016 – Jan 2019

Developed new solutions and maintained existing codebases including ASP.NET web applications, REST APIs, ASP.NET console applications, SSIS ETL solutions, and SQL Server performance monitoring/tuning.

Highlights

- Instituted REST API domain modeling and data access using ASP.NET Core, C#, Dapper and SQL scripts, wrote service methods using ASP.NET Core, MVC and C# in developing new version of organization's web site.
- Designed and implemented highly configurable QA solution to monitor SSIS ETL and record data flow statistics using SQL Server objects, SSIS and ASP.NET console application.
- Created ASP.NET console application integrated with external vendor API to manage event registrations, cancellations, and users in Dynamics CRM.
- Served as SQL Server administrator tasked with identifying bottlenecks, query tuning, and performing backup, restore, and upgrade operations.
- Extended existing custom reporting tool using ASP.NET Framework, MVC, C#, Node JS, AngularJS, Mongo DB, HTML5 and CSS3 to provide customizable reporting outputs derived from user input.

Key Skills

C# | ASP.NET Framework | ASP.NET Core | MVC | Entity Framework | Dapper | SQL Server | SSIS | Mongo DB | IIS | Node JS | Angular 6 | AngularJS | jQuery | jQuery UI | HTML5 | CSS3 | Bootstrap | PowerShell | YouTrack | Git

> SQL Developer

Camden Property Trust | Oct 2002 – Aug 2015

Worked as SQL Server Developer for all phases of development on a Continuous Integration life cycle. Completely eliminated need for IT resource time for development.

Highlights

- Developed automated notification, tracking and logging of required eLearning training completions eliminating daily administrative workloads by creating a series of SSIS packages to send notifications via HTML email generated via C# scripts.
- Created hierarchical security access to SSRS reporting on Microsoft SharePoint intranet site via Active Directory Login using SQL Stored Procedure including Temp Tables, Looping Structures (While and If) and Extract-Transform-Load (ETL) operations.
- Formulated a solution to circumvent existing Mentor system limitations transforming manual tasks into an automated daily process by designing and implementing a tagging structure to add additional data items to UI, integrating with HR data using SQL Stored Procedures, Extract-Transform-Load (ETL) operations and developing daily Microsoft Excel reporting tailored to the acquired data items.
- Transformed manual paper-based processing of corporate degree completions to fully automated task, using SQL Temp Tables, Table Variables, dynamic SQL parameters, Stored Procedure and ETL operations designed to accurately label and report each completion.
- Performed discovery process for all external vendor systems and designed custom integrations to capture and process requested operations by creating SQL tables, Stored Procedures, developing SSIS packages (Script Tasks, Data Flow Task, SQL Command Task and Execute SQL Task) and using Application Lifecycle Management (ALM).

Key Skills

SQL Server | SSIS | SSAS | SSRS | Crystal Reports | C# | ASP.NET Framework | HTML | CSS

EDUCATION

Associate in Applied Science

Completed 49 credits

Houston Community College | 1999 - 2001