Jon Wilson

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Summary

I am a Senior Software Engineer IT Professional with over 20 years of technical experience. I want to provide the highest quality software development in every layer of the application model and develop software to streamline processes and automate workloads. Full Stack Developer, I like the Front-End, Back-End and Middle Tier. Angular/React/.NET Core/C#/SQL Server/Azure/Git/GitHub/TypeScript/JavaScript

Currently diving into w3, #crypto,#nft, #defi #solana

Experience

Senior Software Engineer
Hitachi Solutions America
Jan 2020 - Present (4 years 4 months)
Full Stack Developer, Team Mentor, SME of Angular

Angular 16/15/14/13/12/11/10/9, Angular Material, NgRx (Redux), RxJS, Node.js, Chart.js, Docker, AAD, ADAL, MSAL, Azure, Azure DevOps, JIRA, VS Code, Visual Studio 2022/2019, NGINX, Linux, Azure Function Apps, .Net Core, SASS, CSS, PowerBI Embedded, Tableau Embedded, Excel Embedded, Azure SQL Server, Ag-Grid, Ngx-Datatable, Karma & Jasmine, and Documentation. Angular Standalone Components. Angular Playground, Storybook, Chromatic, Figma, Zeplin, Notion. Revantage/Blackstone, biBERK

-Built Web Portal from the ground up, containing 5 different department portals.

-Angular application served up with NGINX within a Docker container, running in Azure

-Utilized Microsoft ADAL/MSAL Authentication/Authorization OAuth to secure application

-Utilized Angular Material for standard components

-Performed Angular Upgrade from version 9 - version 14

-Performed Angular Upgrade from version 14 - version 16

-.NET Core Function Apps used for API, Unit Tests. C#, Dependency Injection, Dapper. Swagger, Docker, Python

-SQL Server, Cosmos DB

-Troubleshooting/Application Insights

-Agile Scrum Methodology including...(Ran Standups, Performed Demo's for the team)

-Mentoring Junior Developers. (Pair Programming/Code Reviews/Swarm Troubleshooting)

-Git Source Control with clients and utilized GitHub under the organization.

-Communication and Written Communication

-Served as SME for Angular on an additional project

Solana Blockchain Web Application Developer
Self-employed
Feb 2022 - Feb 2024 (2 years 1 month)
Built Gated Angular Website to Provide Utility to NFT's (Utility NFT)

Book Publishing via Utility NFT Platform

Allows Wallet Connections via Wallet Adapter (Desktops) and via Mobile Wallet Adapter (Mobile)

Wallets supported but not limited to: Phantom Wallet, Solflare Wallet.

Validates NFT possession in Wallet to gate website. Provides Utility to NFT holders such as reading e-books, etc.

GitHub automatic deployments via Netlify

Senior Software Engineer Team Lead
Greater Giving
Nov 2018 - Jan 2020 (1 year 3 months)
***** Team Lead - Blue *****
• Angular 7 & 8 Development and Code Reviews/Pair Programming
• Agile Scrum Methodology
• Debugging and Writing Custom Components.
• Custom Reporting
• Visual Studio Code, Visual Studio 2017, JIRA, Git
• C#, ASP.NET WebForms, MVC, and .NET Core (REST)
• Javascript, jQuery, TypeScript, and NodeJS
• SASS, CSS
• Azure DevOps, Azure
• SQL Server, MongoDB (NoSQL)
• Architecture

Software Developer III - Full Stack Developer
Providence Health & Services
Feb 2017 - Nov 2018 (1 year 10 months)
Full Stack Developer In Agile Scrum and Kanban Environment
Designed/Architectured and developed Angular 7, ReactJS, jQueryUI, NodeJS, and ASP.NET web applications. Supported and Customized IBM WebSphere and 3rd party Java Web Applications.
Developed from scratch the first Individual Online Enrollment Insurance Portal for 2019 in Angular

7, Mulesoft, .NET, SASS/CSS, Git and Microsoft SQL Server. In the first two weeks of launch, ION became a Multi-Million Dollar Web Portal. The ION Project integrated Realtime payments with USBank's API on the backend while using MuleSoft as an API proxy gateway.

CMX was the first team to roll to Production a Web Application written in Angular 7

CMX was the first team to use the USBank Payment API, for real time payments.

CMX was the first team to have USBank implement a UAT environment, prior, USBank only had their Production environment for testing.

CMX was the first team to roll to Production a Web Application utilizing MuleSoft.

CMX was the only team to have successfully rolled to Production a MuleSoft Experience API and a System API, utilizing an Environmental pass through for Client ID and Client Secret.

CMX was also the only team to have successfully created an Experience API endpoint to reuse the another team's System API in production.

Supported and Automated Tested TriZetto Facets as well as other TriZetto products. Developed two applications in ReactJS for internal tool usage. Developed an application to test for security flaws in a WebAPI utilizing PingFederate SSO. ASMX, WCF, Restful Services TDD, Python, and MuleSoft. Developed an 837 Message Claim Creation Tool for submitting to BizTalk. Contributor of a new Claims Edit System. Supported .NET WebForms and MVC web applications. SQLServer 2008/2012/2014. SSIS SSRS Classic ASP VB.NET SharePoint 2010/2013

Senior Software Consultant - Full Stack Developer
ExecutivePulse, Inc.
Aug 2015 - Feb 2017 (1 year 7 months)
Designed/Architected and developed a (CRM) for business retention. Legacy system was written in Classic ASP and it was my task to rewrite the entire system from scratch. An Outlook Add-in was also created to sync email and calendar events between the CRM and user personal email accounts. List of technologies used in the N-Tier Web Application are as follows: ASP.NET 4.0, ASP.NET AJAX, LESS, CSS, Telerik ASP.NET AJAX, SQL Server 2008 R2, and WCF. Development was conducted using Visual Studio 2010 and Team Foundation Server 2010 as source control.

Senior Software Engineer - Full Stack Developer
ExecutivePulse, Inc.
Jan 2011 - Aug 2015 (4 years 8 months)
Full Stack Developer Leading a small group of developers, providing code reviews, mentoring, and over-all architectural vision while spearheading the coding effort. Designed and developed a (CRM) for business retention. Legacy system was written in Classic ASP and it was my task to rewrite the entire system from scratch. An Outlook Add-in was also created to sync email and calendar events between the CRM and user personal email accounts. List of technologies used in the N-Tier Web Application are as follows: ASP.NET 4.0, ASP.NET AJAX, Telerik ASP.NET AJAX, SQL Server 2008 R2, WCF, jQuery, jQueryUI, and JavaScript. Development was conducted using Visual Studio 2010 and Team

Foundation Server 2010 as source control. Conducted Code Reviews, 3rd Party Integration/Interfacing (Mainly SALESFORCE.COM), Security Testing and Implementation.

Senior .Net Applications Developer / Architect
STERIS

Aug 2010 - Jan 2011 (6 months)
e-STAFF Consulting Group, Inc - Contractor to STERIS Corporation
Designed and developed a web-based administration application in Silverlight for a system that manages surgical equipment for hospital facilities. Responsible for building a system that interfaced with an existing data collection system written in C++, VB.Net, and PowerBasic. The list technology used on the project are as follows: Silverlight, WCF, MEF, WF, SQL Server 2008 R2, implementing the MVVM design pattern. Development was conducted using Visual Studio 2010 and Subversion/Team Foundation Server 2010 as source control.

Software Engineer - Full Stack Developer
FinThrive

Oct 2001 - Aug 2010 (8 years 11 months)
Software Engineer - Development Team (Remote)
Provided development for projects in ASP.NET [C#], C# windows applications, VC++ 6, utilizing an Oracle database. Use latest technology to design and implement a state of the art platform. Individually developed and designed a rich-client transcription application and rich-client front-end speech recognition application. I developed all aspects of the project UI, Business Layer, Data Layer, Communication Layer, SQL [Stored Procedures], and Database Tables. I re-factored the existing code platform to allow use of Speech Recognition functionality to be utilized by thousands of users. I worked with Business Partners to integrate our two platforms. I worked in a team in isolation to the particular products assigned, having to take full ownership.

Highlights:

Developed and integrated a health care transcription application to utilize back-end automated speech recognition. Ported any existing C++ code to C# [.NET].
Developed a health care dictation application to utilize front-end automated speech recognition (Real-Time) as well as Voice Activated Editing.

Interface Developer - Implementation Team
(Remote)
Individually designed, developed, tested, debugged and documented entire custom Windows and Web applications in .NET(C#)/ASP.NET(C#)/C++/VB/ASP/HTML/JavaScript utilizing Sql Server for the health care industry. Performed extensive testing including, the incorporation of building test matrices and customer client interaction to insure quality assurance. Complete Front End / Back End Customization per client. The HL7 standard was used to accommodate the numerous amounts of Real-Time Interfacing. Types of interfacing included Meditech, ChartScript, ChartNet, DolbeyStat, and HL7.

Education

DeVry University
Bachelor of Science (B.S.), Computer Science
2001 - 2002

Midlands Technical College

Associate's Degree, Computer Science

1998 - 2000

Lexington High School

High School, General Studies

1997 - 1998

Licenses & Certifications

Certificate Of Achievement (Computer Information Systems) - Lexington Technology Center

Application Programming - Midlands Technical College

Microsoft Certified: Azure Fundamentals - Microsoft

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Skills

Angular • C# • Microsoft Azure • .NET Framework • .NET Core • Microsoft SQL Server • JavaScript • TypeScript • Azure Functions • Git

Honors & Awards

Superior Scholars for Today and Tomorrow Award - Lexington High School

Jun 1998

South Carolina Superior Scholars for Today and Tomorrow Award

Scholars' List - Midlands Techical College

Oct 1998

Scholars' List in Recognition of Academic Achievement

Scholars' List

Jun 1999

Scholars' List in Recognition of Academic Achievement

Scholars' List - Midlands Technical College

Oct 1999

Scholars' List in Recognition of Academic Achievement

Dean's List - DeVry University

Mar 2001

Outstanding Academic Performance

Dean's List - DeVry University
Oct 2001
Outstanding Academic Performance