ERIC **BOWSER**

5154 S 5200 W, Kearns, 84118 · 435-494-8030

ericryanbowser@gmail.com · https://www.linkedin.com/in/eric-bowser-35028880/

https://engineer-it-all.com/

Full stack engineer looking for a new opportunity to expand craft, and take career to the next level in an environment where innovation and creativity is embraced

SKILLS

- JavaScript / React.js
- Microsoft T-SQL
- NoSQL / PostgreSQL / Cosmos DB
- Html and CSS
- Design Patterns / SOLID / OOD
- C# and dotnet Core / Standard
- Microservice Architecture / RESTful API
- React Bootstrap
- Styled Components
- HTTP/S Messaging
- Publish Subscribe (Service Bus)

EXPERIENCE

2016 – 06/2022

SOFTWARE ENGINEER, WILLIS TOWERS WATSON

WORKED AS A FULL STACK SOFTWARE ENGINEER FOR A PRIVATE HEALTHCARE EXCHANGE SPECIALIZING IN MEDICARE HEALTHCARE ENROLLMENTS

STACK

REACT.JS FRONT-END LIBRARY AND DOTNET CORE BACK-END WITH SQL SERVER AS A DATA PERSISTENCE MECHANISM. FRON-END PERSISTENCE USING POSTGRESQL AND COSMOS

WORTK RESPONSIBILITIES AND MILESTONES:

- Worked on converting monolith solutions to smaller solutions with one responsibility with product contracts using RESTful APIs
- Create React.js reusable components to company wide component library to align look and feel to public facing website
- Worked on converting existing ASP.NET MVC style using pub/sub to HTTP/S RESTful messaging utilizing a microservice architecture using SOLID principles

- Upgrading from dotnet standard to dotnet Core and managing solution dependencies using NPM as a JavaScript package manager and NuGet as a dotnet package manager to distribute common reusable packages
- RESTful APIs between products using Microsoft Identity authentication/authorization, JWT tokens, API keys, Bearer tokens and Auth0
- Actively troubleshoot and fix bugs logging to SumoLogic to local folder structure and buffered logs to endpoint URLs or 'collectors' using Nlog and Serilog libraries, respectively
- Submit pull requests on feature branches to be reviewed by the development team before merge into main or master
- GitHub repositories and git bash cli to manage branches, code pushes, and merging
- Regular unit tests with every feature or bug that would be deployed to deployment pipeline (both dotnet and JavaScript)
- Follow established development coding standards and best practices i.e. (SOLID Principles, Design Patterns, Object Oriented Design, Logical flow diagraming)

Testing

- xUnit
- Moq / NSubstitute
- Cypress UI automation Framework
- Selenium
- K6 Load Testing
- Microsoft Assertion libraries
- React Testing Library
- Jest
- Mocha
- Enzyme

HTTP and CSS

- HTML, Styled-Components, and CSS
- HTML boilerplate and elements
- CSS styles, selectors, pseudo-combinators, and specificity
- React.js Styled-Components
- React Bootstrap Components

CLI and Automation Scripts

- Git bash CLI - Git source control commands for local repository and branch development
- Build script automation tasks using Cake Build, Powershell and Bash automation scripts
- executing pre-deploy build, package, and run tests
- Node runtime environment and NPM package manager to install new package/module dependencies for JavaScript

T-SQL

- Regular job duties involving writing sprocs, user defined functions, table valued parameters, views, and read only queries using Dapper, Entity framework as well as direct Microsoft ODBC driver or OLE DB provider(s)

Tools:

- Jira ticketing system and Team City build
- Deployments using Octopus deploy and managing build artifacts with Artifactory
- Microsoft Visual Studio 2019/2022
- JetBrains Rider / ReSharper
- Visual Studio Code
- Git Bash / GitHub for source control
- TeamCity and Octopus Deploy
- Azure and Cosmos

2015 – 2016

SOFTWARE DEVELOPER, TECH SYSTEMS

- Contract to hire for Extend Health, LLC

2013 – 2015

SOFTWARE DEVELOPER, GOLDPOINT SYSTEMS

- Develop and support new client code for onboarding new clients in the form of automation using SQL Server scripts ran from internal WPF applications that configures and runs scripts in order with additional error handling that kept track of the last client script ran to limit client integrations during after hour client onboarding onto the platform. Lengthy client scripts can pick up at the last successful script with script errors detailing which script failed. Used priority queue data structure to enqueue next scripts in order to be ran as well as failing script rollback
- Creation of unique SQL reports for client statistics rendered in a custom format that the client requests
- Work closely with project manager to get requirements to deliver reports to clients
- Owned or inherited unique client reports using C# Drawing libraries to render client financial statistics, data aggregations, client logo, and formatting to make reports unique.
- Work towards less manual effort to start using SSRS to render reports using SQL Server Business Intelligence

EDUCATION

2011 – 2013

BACHELOR OF SCIENCE, WEBER STATE UNIVERSITY

- Computer and Network Security
- Software Development
  - Both capstone paths (A little less networking and more development)

2010 – 2011

ASSOCIATE OF ART, UNIVERSITY OF PHOENIX

- IT fundamentals
- introduction into software development