ERIC RYAN BOWSER

<https://www.linkedin.com/in/eric-bowser-dev/> / <https://github.com/ericbowser>

# Skills

Web Development Swagger / Open API Specification

Database Operations / Design GitHub / Git Source Control

PostgreSQL REST / SOAP / HTTP / HTTPS

API Development SOLID / Object-Oriented Design

Design Patterns Micro-service / Micro-front end

WPF / MVVM Microsoft Azure

T-SQL Stored Procedures / User-Defined Functions

# Languages / Libraries / Frameworks / Tools

SQL Server / T-SQL Visual Studio

C# / .NET Entity Framework

JavaScript Dapper

Html / CSS PostgreSQL

Cosmos DB Bash Scripting

PowerShell React.js

Git / GitHub Node / NPM

Swagger Jira Ticketing

Azure DevOps

CI / CD:

Azure DevOps GitHub / Git CLI

TeamCity Build Cake Build / Cake Make

# Visible Supply Chain / Maersk

### Feb/2023 – Dec/2023

*Supply Chain / Integrations around supply chain management*

**WORK RESPONSIBILITIES**

* Integrate client(s) with services:
  + ASP.NET / Standard / Entity framework / SOAP / Rest
    - Worked on 4.61 .NET Standard application that was a hybrid between SOAP, WCF, and Web API or REST depending on client needs for their integration.
  + Label Generation
    - Complete shipping API requests to carrier API format and return client expected format.
  + Tracking
  + Address validation.
    - Validate address for best shipping options based on zones.
  + Shipping manifests
    - End-of day shipping manifest documents or scan form.
  + Accounts and certification
    - Verify label generations and submit to FedEx for certification in a test environment before production.
  + Caching
    - Implement In-memory caching techniques for improved performance for request volume.
* Work with carrier APIs (USPS and FedEx, etc.)
* Update legacy ASP.NET application to .NET Core parity.
* Azure DevOps Project Management and Repo Source Control
  + Continuous integration and development using Azure repositories and pipeline.
* Use Microsoft Visual Studio for C# as the primary IDE.
  + Postman for HTTP messaging endpoint testing.
* Work with T-SQL to create new client profiles.
  + Create or alter table definitions to accommodate client data.
* Jira Ticketing system and Azure DevOps for feature tickets

# Willis Towers Watson

**2016 – 08/2022**

*Healthcare space /Public facing website to buy healthcare plans in a marketplace.*

**WORK RESPONSIBILITIES**

* Upgrade older monolith .NET applications to newer .NET Core framework.
* Entity Framework updates with .edmx files and XML schema design
* Create React.js reusable components to company-wide component library to align the look and feel of the public-facing website.
* RESTful Web APIs between products using Microsoft Identity, Auth0, JWT, and/or authorization Bearer tokens for authentication.
* Actively troubleshoot and fix bugs logging to SumoLogic data aggregation solution
* Submit pull requests on feature branches to be reviewed.
* Deploy features to development and staging environments.
* Maintain build scripts and packages.
* Ongoing tests for new features to maintain feature parity.
* Follow established development coding standards and best practices.
* GitHub Source control, TeamCity Build, Octopus deploy CI / CD
* Microsoft SQL Server and Microsoft Visual Studio IDEs / Azure Data Studio / pgAdmin postgres document databases
* Create migration scripts, stored procedures, and user-defined functions using T-SQL
* Use Jira ticketing system with SCRUM.
* Worked with WPF while converting pc application to the web in iterations using COM interop to facilitate messaging from JavaScript to C# iframes

# Experience / Gold Point Systems

**2013 – 2015**

*Financial company managing software for origination loans.*

* Develop and support new client code for onboarding new client data.
* WPF and MVVM application for agents to start loans.
  + Data bindings and *INotifyPropertyChanged* interface
* Creation of unique SQL reports for client statistics
  + Statistical reports that needed to be aggregated for Credit Unions that needed reporting for analysis.
  + Custom statistical reports generated with C# drawing libraries.
* Work closely with the project manager to get requirements to deliver reports.

# Experience / Tech Systems

**2012 - 2013**

IT work before graduation

* Set up engineer work machines with software.
  + SolidWorks
  + CNC Software
* Maintain asset inventory.
* Set up Nagios server for availability.
* Configure and install network components.
  + Wireless bridge
  + Cabling and switches

# Education

**2011– 2014**

Weber State University –

**Bachelor of Computer Science**

* **Emphasis in Software Engineering and Network Security**