

ERIC BOWSER

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Full stack engineer looking for a new opportunity to take software engineering practice to the next level by working at a great company that values their employees, in all aspects, to become a refined engineer by enabling trust and empowering hard work with collaboration in a psychologically safe environment.

- Foster many facets of development to further refine character by creating positive relationships to evolve career to the next level in an environment where innovation and creativity are 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 C# AND SQL SERVER AS A DATA PERSISTENCE LAYER. FRONT-END PERSISTENCE USING POSTGRESQL AND COSMOS DB

WORK 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 the look and feel of the 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 merging into the main or master branch
- Responsible for code repository completeness and code quality using CLI commands to manage branches, code pushes, and merges
- Regular unit tests with every feature or bug that would be run as overall testing coverage (both C# and JavaScript)
- Follow established development coding standards and best practices standards - (SOLID Principles, Design Patterns, Object Oriented Design, Documentation)

Testing

C#

- xUnit (cross-platform testing tool; used in C#)
- Moq / NSubstitute (mocking C# libraries)
- Selenium Automation Framework
- K6 Load Testing
- Microsoft Assertion libraries
- React Testing Library

JavaScript

- Jest
- Expect
- Mocha
- Enzyme
- Cypress UI Automation Framework

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
- NPM build scripts for JavaScript packages and env builds (minified or local development)
- Cake Build DSL, PowerShell, and Bash automation scripts
 - executing pre-deploy build using Cake Build DSL, package, and run tests

Package Management

- NPM package manager to install new package/module dependencies for JavaScript
- NuGet package manager for C# packages

T-SQL

- Job duties involving writing stored procedures, user-defined functions, table-valued parameters, views, and read-only queries using Dapper lightweight ORM
- Direct Microsoft ODBC driver or OLE DB provider(s)
- Add new scripts to an existing database, as well as permission GRANTS, Scopes, and revert scripts
 - GitHub repo management collaboration on new migration scripts

Tools

- Jira Ticketing System / Team City Build
- 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 run from internal WPF applications that configure and run scripts in order with additional error handling that would keep 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 to be run
 - Script rollbacks
- Creation of unique SQL reports for client statistics rendered in a custom format that client requests
- Work closely with the 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 logos, 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 to software development