ERIC BOWSER

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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

EXPERIENCE

2016 – 06/2022
SOFTWARE ENGINEER, WILLIS TOWERS WATSON

- Support Bounded Context(s)
- Migrated from monolith pub / sub to HTTP/S RESTful messaging
- Migrated from on-prem PostgreSQL to Azure Cosmos DB
- Internal tool to build dynamic applications
- Responsibilities ranging from public facing web page to data layer
  - Moving towards DDD – Sending events between bounded contexts
- Healthcare specific conditional logic used based on CMS compliance and carrier-specific application rules

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
- Creation of unique SQL reports for client statistics
- Owned or inherited unique client reports using C# Drawing libraries
  - Custom rendered reports to financial clients

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

SKILLS

- JavaScript
- React JS
- NPM / Node
- T-SQL
- NoSQL
- Html and CSS

- Design Patterns
- C# and .NET
- JavaScript
- Microservices
- Bootstrap
- Styled Components
- Scripting

Front End - React.js Frontend SPA

- Declarative style (functional composition)
- State management
  - React Hooks
    - Local state management

  - React Query
    - Extensive library for handling fetching and caching for a limited stale time
    - Custom hooks to import and access API endpoints
      - Prefetching
      - On demand

  - Custom Hooks
    - Own implementation to wrap intended logic, data-fetching, and communication with other imported web components
      - Implemented custom hook that would send API requests to another imported component of a different bounded context, and supply a user-friendly way to get specific data back from the request

- Micro frontend
  - Front end solution that used a document database in Azure
    - Cosmos DB
    - Returns form / application data back to the front end

- ASP.NET, IIS, and Kestrel
  - Micro frontend hosted in Kestrel
    - Builder pattern and bootstrap of application

Styles

- HTML, Styled-Components, and CSS

- HTML boilerplate and elements
- CSS styles, selectors, pseudo-combinators, and specificity
- Styled-Components (React)
- React Bootstrap for Components

Microservices

- HTTP Messaging and Restful API

  - ASP.NET API
  - Microservices and bounded contexts
  - Restful APIs – HTTP/HTTPS messaging
  - Swagger API Versioning

Security

- OAuth
- Windows Auth (NTLM)
- Bearer tokens / API key

T-SQL or Microsoft SQL Server

- Microservice endpoints for SQL

  - Stored procedures
  - User-defined functions
  - .NET microservices to data layer
    - Dapper / ORM
    - Entity Framework

- Views and Read-only

  - Read-only SELECT or Read access
  - Basic SELECT statements or table references

CLI

  - Bash
    - Git bash CLI
    - Git source control commands for local repository and branch development

  - Cake
    - Build script automation tasks
    - executing pre-deploy build, package, and run tests

  - Powershell
    - Execute automation scripts
    - Database scripts / New migration scripts

Environment

- Node runtime environment
- NPM – Node package manager (NPM packages)