Eric R. **Bowser**

Strong web developer with focus in single page applications using React.js, Node.js, and C# back-ends.

GitHub: https://github.com/ericbowser

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| Category | Skills |
| Web Development | React.js / JavaScript, Node.js, TypeScript, Tailwind CSS, Bootstrap |
| Source Control | GitHub, Git Source Control, Git Bash |
| Messaging | REST, SOAP, HTTP / HTTPS, Pub / Sub |
| PC Applications | WPF / MVVM, Windows Forms |
| Cloud | Microsoft Azure, Google Cloud, Azure DevOps |
| CI / CD | Azure DevOps  GitHub / Git CLI  TeamCity Build  Cake Build / Cake Make |
| Data | Microsoft SQL Server / T-SQL (Stored Procedures / User-Defined Functions),  PostgreSQL, Cosmos DB |
| Methodologies | SOLID, Object-Oriented Design, Design Patterns, Micro-services / Micro-front end |
| 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, Azure DevOps, Bootstrap/React-Bootstrap, Tailwind CSS |

AI Trainer / AI Tooling

Developing personal AI tools utilizing Gemini, OpenAI API, and Claude (Anthropic).

* Backend assistance utilizing Node.js (API) and React.js for a front-end library:
  + <https://github.com/ericbowser/AssistFront>
  + <https://github.com/ericbowser/Assist>

Pet ID Tags for Lost Pets

* Utilizing ReactJS for the front-end, Node.js for the backend, PostgreSQL for data persistence, and Docker for containerization.

Portfolio Website

* Server Deployments and Maintenance
  + Cloudflare domain management and SSL certificates
    - Hosted on raspberry pi’s using various domains

Porch Financial Project

* Development of a financial fintech insurance platform
* Implemented Behavior Driven Development (BDD)

Visible Supply Chain

Feb/2023 – Dec/2023

Supply Chain / Integrations Specialist

* ASP.NET / Standard / Entity framework / SOAP / Rest
* Worked on .NET Standard 4.61 application integrating SOAP, WCF, and Web API or REST based on client needs.
* Upgraded application to .NET CORE 7.0 from .NET Standard framework.
* Implemented in-memory caching techniques for improved performance with high request volumes.
* Collaborated with carrier APIs (USPS, FedEx, etc.).
* Updated legacy ASP.NET application to match .NET Core capabilities.
* Managed Azure DevOps Project and Source Control.
* Managed continuous integration and development using Azure repositories and pipelines.
* Utilized Microsoft Visual Studio for C# as the primary IDE.
* Used Postman for testing HTTP messaging endpoints.
* Worked with T-SQL to create new client profiles.
* Created or altered table definitions to accommodate client data.
* Employed Jira and Azure DevOps for managing feature tickets.

Willis Towers Watson

2016 – 08/2022

Full Stack Software Engineer

C# / .NET MVC / React.js / SQL Server / PostgreSQL

* Upgraded legacy .NET applications to the latest .NET Core framework.
* Updated Entity Framework with .edmx files and XML schema design.
* Developed reusable React.js components for a company-wide component library to ensure consistency across the public-facing website.
* Utilized Bootstrap component styling and React-Bootstrap components.
* Implemented RESTful Web APIs between products using Microsoft Identity, Auth0, JWT, and/or authorization Bearer tokens for authentication.
* Actively troubleshot and resolved bugs using SumoLogic data aggregation solution.
* Reviewed and submitted pull requests on feature branches.
* Deployed features to development and staging environments.
* Maintained build scripts and packages.
* Conducted ongoing tests for new features to maintain feature parity.
* Adhered to established development coding standards and best practices.
* Managed GitHub source control, TeamCity builds, and Octopus deploy CI/CD pipelines.
* Utilized Microsoft SQL Server, Microsoft Visual Studio IDEs, Azure Data Studio, and pgAdmin Postgres document databases.
* Created migration scripts, stored procedures, and user-defined functions using T-SQL.
* Operated within the Jira ticketing system following the SCRUM methodology.

Gold Point Systems

2013 – 2015

Financial company managing software for origination loans.

Software Developer

WPF / C# .NET / SQL Server

* Developed and supported code for onboarding new client data.
* Created WPF/MVVM application for agents to initiate loans.
* Implemented data bindings and INotifyPropertyChanged interface.
* Generated unique SQL reports for client statistics and Credit Union analysis.
* Produced custom statistical reports using C# drawing libraries.
* Collaborated with project manager to gather requirements for report delivery.

Tech Systems

2012 – 2013

IT / Systems Administration

\*Performed IT tasks prior to graduation, including: \*

* Setting up engineer work machines with necessary software such as SolidWorks and CNC Software.
* Maintaining asset inventory records.
* Installing and configuring network components, including wireless bridges, cables, and switches.
* Setting up a Nagios server to monitor system availability.

Education

2011– 2014

Weber State University

Bachelor of Computer Science

* + Software Engineering and Network Security
  + Software Development