

# Eric R. Bowser

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

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GitHub: <https://github.com/ericbowser>

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/ericbrowser/AssistFront>
  - <https://github.com/ericbrowser/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 troubleshooted 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