

Jeff Vaccaro

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## Professional Summary

Experienced Full Stack Web, Desktop, and Mobile Software Developer with a diverse background in industries such as Agriculture, Banking, Education, Financial, Government, Healthcare, Insurance, Oil & Gas, Telecommunications, and Re-Insurance. Passionate about productivity in both legacy and greenfield applications, with a strong focus on mentoring and teamwork.

## Technical Skills

- **Languages & Frameworks:** C#, webAPI (.NET 8.0 - 4.7), SQL, Angular (6-16), ReactJS, Vue, Node.js, Express.js, HTML, CSS, JavaScript, TypeScript, Win/Web Forms, Console Applications, MVC (Razor), VB.NET, jQuery, Windows Phone, Windows 8 Apps, WPF, T4, PHP
- **Database/Backend Technologies:** SQL, Entity Framework, Dapper
- **Cloud Environments/Tools:** AWS (Cloud Practitioner), AzureDevOps
- **Other Tools:** Selenium, JIRA, Confluence, VS Code, Visual Studio

## Professional Experience

CoBank, Denver, CO

**April 2022 – Oct 2024**

### **Senior Software Engineer/Tech Lead (Treasury Connect)**

Environment: C#, webAPI, Angular, TS, SQL

#### **.NET8 Upgrade project (01/24 - 10/24):**

- Identified all parts of the .NET code base (multi-solution) and reorganized the application to be all in one solution.
- Upgraded each project in the solution via the upgrade tool
- Upgraded the code base to use [HttpGet("MethodName")]
- Made code changes where necessary for the .NET8 upgrade (i.e., AutoMapper)
- Rewrote all PDFs that were using an outdated PDF generator into PDFSharp and jsPDF
- Replaced the IoC code with the Microsoft Dependency Injection pattern
- Replaced IIS with Kestrel instances
- Upgraded our AzureDevOps pipeline to create those services on the server on Release
- Helped regression test the solution (using Selenium)
- Created Docker POC

#### **Angular Upgrade project (04/22-12/23):**

- Lead developer on upgrading from Angular v8. to v16
- Upgraded/refactored/tested the framework and CSS before the remaining team joined on the project.
- Replaced dependencies that were no longer current

- Reorganized/Refactored code to a more current structure (i.e., app-routing, app.component, app.module). Unwound code that was using GULP and AOT, leveraging advanced ES6+ features (arrow functions, promises, let/const) along with the robustness of Node.js, resulting in significantly improved code scalability and maintainability.
- Upgraded Angular Material from v8 to v16
- I rewrote most of the existing CSS so that it was put in a common location (a lot of duplication was removed, that was causing issues with the design).
- Tested application by manual click testing at first and comparison testing. Then once the project advanced to the wider team, I worked extensively with QA and the selenium testing.

Positive Outcomes:

- Overall gained 50% build time efficiency
- Able to debug application using browser tools
- Removed over 25,000 lines of extraneous CSS code
- Upgraded dependencies to the most current versions
- Replaced deprecated dependencies for future application growth
- Simplified code base by making it closer to the current examples
- Introduced a common layout for the application for future templating

**Hannover Re, Denver, CO**

**April 2016 – April 2022**

**Lead/Senior Applications Developer (CDMI Project)**

Environment: C#, WebAPI (.NET5), Angular (10), TS, Entity Framework & Dapper with SQL

- Developed internal application for global client data cleaning and formatting for data warehouse use.
- Wrote new features using Angular and .NET5 (webAPI), & SQL, and created new stored procedures.
- Conducted interviews, trained, and mentored new team members.
- Managed deployment using AzureDevOps and AWS, built and maintained pipelines and releases.
- Built AWS servers for application use.

**Lead/Senior Applications Developer (Ascent Project)**

Environment: C#, MVC, Web Forms, webAPI, Selenium, SQL, Entity Framework, jQuery, Bootstrap, AngularJS 1.x, Vue.JS

- Led project development, introduced new features, and trained team members on modern technologies.
- Updated MVC 5/Entity Framework application with new features.
- Created webAPI project and implemented AngularJS 1.x to display data.
- Maintained legacy ASP.Net Web Forms application.
- Created Selenium regression test framework and automated processes for specific regions.
- Upgraded Razor application to use Vue.JS.

**CoBank, Denver, CO**

**June 2014 – April 2016**

**Senior Software Engineer**

Environment: C#, ASP.Net Web Forms, SQL, jQuery, AngularJS 1.x

- Maintained legacy ASP.Net Web Forms application.
- Rewrote application to customize leased vehicles using 3rd party software in jQuery.
- Wrote utility application using AngularJS 1.x to automatically generate SQL code for users.

**C# Developer (Contract)**

**Jan 2014 – June 2014**

RevGen, Denver

Environment: C#, ASP.Net MVC, SQL, Entity Framework, jQuery, Bootstrap

- Created two highly visible ASP.Net MVC applications for a user base of over 5000 people.
- Utilized ASP.Net MVC 4 with Entity Framework, jQuery, AJAX, and Twitter Bootstrap.

**C# Developer (Contract)**

**Oct 2013 – Jan 2014**

Cimarex, Denver, CO

Environment: C#, WPF, Agile Point

- Created new WPF applications.
- Updated existing WPF and Win forms applications.
- Created workflow applications using Agile Point.

*I have included my job experience from the past 10 years, focusing on relevant roles. However, I can provide a detailed list of companies I've worked with from 1997 to 2013 upon request.*

**Education**

**BS in Business Administration with emphasis in Computer Information Systems**

University of Northern Colorado | 1992-1997

**Certifications**

- AWS Cloud Practitioner (expired)

**Personal Projects**

**ResumeVoting App**

Customer Relationship Management tool for Martial Art studios and more! Written in Angular, Node.js/Express and MySQL – Hosted on AWS with Elastic Beanstalk using RDS

<http://kickconnect-env-1.eba-bsj8msyj.us-east-1.elasticbeanstalk.com/>

**ResumeVoting App**

Learning Project using React and hosted on AWS using Elastic Beanstalk with Lambdas and RDS.

<http://resumeappv1.s3-website-us-east-1.amazonaws.com/>

**GitHub Repo:**

<https://github.com/jeffvaccaro>