

# Graham Davis

Senior Full Stack Developer/Engineer

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## Summary

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I am highly skilled software engineer with extensive experience in VueJS, Angular, C#, SQL and other Microsoft Technologies. I lead by bringing strong analytical problem-solving skills rooted in experience in providing practical solutions.

## Skill Highlights

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- **Primary Skills** Solutions Architect, Application Development, Database Development, Software Development, Object Oriented Programming, Cloud based Development, Change Management, **Agile, SCRUM**
- **Industries** Information Technology, Software Technology, Banking/Finance, Real Estate, ISO/QS 9002 Manufacturing, Government and Universities
- **Languages** **C#, VueJS**, .Net, All versions of .Net, CSS, HTML5, JavaScript, JSON, XML, TypeScript, Angular
- **Web** ASP.net, Net Core, MVC.net, Angular, **VueJS**, SPA, Signal IR, Material UI, Node.js, Bootstrap, Tailwind.css, jQuery, Entity Framework, SASS, LESS, LINQ, Web Services, Charting, Graphing, Reporting, REST, SOAP, API, Umbraco CMS
- **Data** SQL Server, Stored Procedures, SQL Functions, SQL Reporting/Charting
- **Software Tools** Visual Studio 2022/2026, VS Code, Swagger, **Dev-ops/GIT**, Figma
- **Cloud** **Azure**, AWS

## Professional Experience

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### North Carolina Department of Agriculture

#### Animal Health Tracking System Rewrite , Temp Contract (Jan 2026 – June 2026)

- Developed and created a new application in Angular v20 SPA with C# REST API's and SQL 2025 DB to replace their 25 year old system built in ASP.NET/2016 SQL DB.
- Engineered SQL Scripts to clean and migrate data from SQL Server 2016 to SQL Server 2025.
- Improved application performance via optimized queries, SQL functions, Views and stored procedures.
- Improved data searches using SQL 2025's new ability for Fuzzy Logic Searches.
- Built REST APIs using C#, .Net 10, Entity Framework and Data Modeling.
- Developed desktop and mobile friendly Single Page Application in Angular v20, Material UI, TypeScript and Tailwind.css
- Implemented Material UI controls and reactive elements to improve performance and create user-friendly pages and forms
- Technologies used: .Net 10, **C#**, REST APIs, JSON, Entity Framework, Node.js, Tailwind.css, **Angular v20**, **Material UI**, **SQL 2025**, SQL, Stored Procedures, Views, SQL Functions, Azure, SCRUM, Dev-ops/GIT

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### Ohio State University, CampusParc

**Vue JS/Umbraco Support and Development(part time)** – October 1, 2025 to April 2026

**CampusParc** manages the permits and parking for Ohio State University, including an Umbraco CMS website and **VueJS** application.

- Website: Added security features to allow or restrict access to pages using groups assigned by Identity Server. Technologies used: .Net 8/9, **VueJS**, Umbraco CMS v 13, **C#**, **REST API**, JSON, MVC, **TypeScript**, **NodeJs**

### Facility and Students(VueJS Component)

- Developed new mobile friendly component for managing parking permits and vehicles
- Added new ability to edit vehicle information and to link /unlink vehicle to a permit
- Added scannable QR Code for security gates and parking lots
- Improved speed and performance by cleaning up existing API's and data management in **VueJs** Application

### Fleet, University and Company Vehicles (NEW VueJS Component)

- Developed new mobile friendly component for managing multiple parking permits and multiple vehicles
- Added new ability to search and manage many vehicles and permits
- Added new ability to edit vehicle information and to link /unlink vehicle to a permit
- Added scannable QR Code for security gates and parking lots

### North Carolina Department of Agriculture

**Modern and Legacy Support and Development** , Temp Contract (April 2025 – Aug 2025)

- Developed interfaces for data exchange between the Department of Agriculture and US Food and Drug Administration(FDA) in SOAP
- Created new REST API and user interface to lookup businesses in the FDA's Database
- **Dept of Standards Division:** Created new user-friendly public online form for submitting [Notification of a Broken LP Gas Meter Seal](#)
- Technologies used: SOAP, .Net 4.8, C#, REST API, XML, JSON, ASP.Net, Data Modeling, JQuery, Bootstrap, file uploads

### zBest Data Technologies, LLC, (Various Clients), Durham, NC

**Owner/Developer/Microsoft Partner** – January 2007 to May 2025

#### **RENT.com / REDFIN**

Automated Feed Processing(2008 – May 2025-Acquired by Zillow)

- Since 2008, I have been a partner in maintaining and converting data feeds in xml and JSON to market to customers via their website.
- Created **Angular** Application to manage and track their feed import and conversion process
- Technologies used: SPA in Angular, TypeScript, Angular UI, Node.js, .Net 8, C#, REST API, XML, JSON, MVC, Entity Framework, SQL Server 2022, Windows Service, IIS

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### **Victory Healthcare Communications, LLC**

Web Development and Support(May 2023-February 2025)

- Victory Healthcare Communications provides services for “deconstructing complex medical information, transforming it into clear, actionable insights, and delivering creative communication solutions for payers, HCPs, and patients”
- Technologies used: .Net 8, C#, REST API, XML, JSON, MVC, Entity Framework, SQL Server 2022, Windows Service, IIS

### **GF Health Products, Inc**

Umbraco 9 website

- Working with the team at Graham-Field, we have created a modern new corporate website to replace their old one <https://grahamfield.com/>
- Requirements included integration with company’s internal systems for searching and displaying products, services and documents.
- Technologies used: HTML 5, Bootstrap 5, jQuery, JavaScript, MVC, Net 4.8, C#, Entity Framework, SQL Server, Umbraco CMS.

### **Marathon Consulting, LLC, (Various Clients), Virginia Beach, VA**

**Senior Information Technology Consultant** – *September 2022 to August 2023*

#### **Curbside Laundries**

- Worked with team to provide support and upgrades to business platform
- Made the application mobile friendly for use inside stores and by delivery drivers on their phones or tablets.
- Developed barcoding functionality to automate and improve process flow of inventory and assets.
- Technologies used: HTML 5, Bootstrap 5, jQuery, JavaScript, MVC.Net 4.8, C#, Entity Framework, SQL Server, React, Signal IR.

## Education

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**Bachelor of Science in Physics and Chemistry**, \*\*, Longwood University, Farmville, VA