

## Technical Skills

**Languages:** C#, JavaScript, TypeScript, HTML, CSS, Bicep, PowerShell

**Databases:** CosmosDB, Microsoft SQL Server, MySQL, PostgreSQL

**Frameworks & Tools:** ASP.NET Core, Azure, React, React Native, Azure DevOps, Git, Subversion

## Employment experience

**CarMax** Richmond, VA June 2017 – Present

### Principal Software Engineer

- Develop a native mobile app to consolidate all in-store vehicle trade-in processes into a single application using C#, ASP .NET, Azure, and React Native
- Develop a mobile web application to facilitate in-store redemption of customer instant offers using C#, ASP .NET, CosmosDB, Azure, and React
- Develop a consumer-facing mobile-first web application to allow customers to get vehicle appraisal offers from home using C#, ASP .NET, SQL Server in Azure, Azure Search, Azure Blob Storage, and React
- Develop a responsive web application to allow CarMax employees to assess and appraise trade-in vehicles using C#, ASP .NET, SQL Server, and Angular

**Ironworks Consulting / ICF Olson** Glen Allen, VA February 2010 – June 2017

### Senior Technical Specialist

#### Client Highlights:

- Johnson Controls – Lead a team of 7 developers to create an application for tracking corrective actions for quality issues using SharePoint Online 2013, C#, ASP .NET MVC, MS SQL Server, Azure, jQuery, and KnockoutJS
- Washington Gas – Develop a customer facing website allowing energy customers to pay bills online using SharePoint 2010, C# .NET, Microsoft SQL Server, and JavaScript
- Chick fil A – Develop and maintain internal SharePoint 2010 custom lists, libraries, workflows, and InfoPath forms
- EDUCAUSE – Develop Drupal 7 modules for a public site redesign using PHP, JavaScript, CSS, and Apache Solr
- Scripps Networks Interactive – Customize and maintain the Endeca enterprise search services on SNI brand sites such as FoodNetwork.com, HGTV.com, and DIYNetwork.com in a Linux environment with Java, PHP, and Adobe Flex

**Advanced Distribution Systems, Inc.** Northvale, NJ January 2008 – February 2010

### Software Engineer

- Develop web applications for a third party distribution company using PHP, JavaScript, and PostgreSQL on Linux
- Create and release an Open Source instant messaging application for Windows PCs and Windows Mobile PDAs in C# .NET using the Jabber protocol

**American Avionic Technologies Corp.** Medford, NY 1999 – 2010 *part time consulting*

### Database & Application Development / System Administrator

- Create product tracking, quality metrics, and material ordering systems using Linux, Apache, MySQL, and Perl

**Eduware** Huntington, NY May 2006 - August 2006 *Cooperative Education / 4 month contract*

### Web Programmer

- Develop an application for educators and students to administer and take exams online using C# and MS SQL Server

**Thomson West** Rochester, NY December 2005 - May 2006 *Cooperative Education / 6 month contract*

### Analytical Law Developer

- Contribute to the continued development of the Westlaw legal research tool using Java, Oracle, XML, and XSLT

## Education & Certifications

**Rochester Institute of Technology** Rochester, NY  
**Bachelor of Science in Computer Science** August 2007

**Microsoft Azure Fundamentals Certification** July 2019

**Sitecore 8 Developer Certification** December 2016