

Andrew Long

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Summary

Experienced full-stack developer with a passion for creating innovative, high-impact solutions across desktop, web, and mobile platforms. With expertise in ASP.NET, Blazor, Angular, and cloud technologies, Andrew specializes in building modern, responsive UIs that adapt seamlessly across devices. He blends technical excellence with user-centric design, ensuring scalable, high-performance applications. He thrives in fast-paced environments, consistently delivers under tight deadlines, and enjoys mentoring teams and bridging technical concepts with business needs.

Key Skills

- ASP.NET (Blazor, MVC, Web API, Web Forms)
- C#
- SQL Server
- Entity Framework
- JavaScript/TypeScript
- Angular/AngularJS
- Git
- Bootstrap
- Microsoft Azure
- Microsoft Power Apps
- Azure OpenAI
- Azure DevOps
- Communication
- Mentoring

Certifications

- Microsoft Certified: Azure AI Engineer Associate
- Microsoft Certified Solutions Developer

Experience

CGI/Daugherty Business Solutions

September 2021 – Present

- Consultant, Software Engineer III
- Worked as an individual developer and tech lead to implement an internal ASP.NET MVC website to allow employees to easily update database values for their corporate

CRM applications. Completed 100% of priority and stretch goals ahead of schedule, exceeding client expectations and reducing IT ticket backlog by 50%. Collaborated with client IT staff to refine requirements and accelerate feature delivery, ensuring seamless integration with existing systems. Facilitated weekly progress meetings with stakeholders to provide development updates and refine project requirements.

- Worked as a developer in an Agile environment on the team responsible for reviving a dormant internal Angular application used to manage patients for specialized pharmaceuticals. The team upgraded the Web API from .NET Core 2.0 to .NET 8 and modernized the front-end from Angular 5 to Angular 18. We also implemented Okta for authentication/authorization and streamlined the architecture by consolidating solution projects, reducing code replication, improving performance, and easing future maintainability. The team also implemented numerous new features both as required by the client and at the team's suggestion. Worked across all areas of technology and provided mentorship to less experienced team members.
- Worked as a developer in an Agile environment on the team responsible for maintaining and implementing new features in the shipping applications used across all the client's pharmacies. Primary responsibilities consisted of working on Angular 10.x web apps and .NET Web APIs written in C#. Spearheaded an initiative to migrate legacy .NET Framework code to .NET 6. Assisted with the onboarding of new team members.
- Volunteered in the Buddy program to help onboard new employees.

St. Louis - Kansas City Carpenters Regional Council

May 2009 - August 2021

- Senior Software Engineer
- Responsible for the ongoing design and development of web applications that serve the Council's membership and signatory contractors including:
 - **Carpdc.org** - The Council's public website, built using ASP.NET MVC, SQL Server, Entity Framework, Sitefinity CMS, Bootstrap and AngularJS.
 - **Estamps** - Allows signatory contractors to report hours and submit benefits payments for the carpenters who work for them. Built using ASP.NET MVC, SQL Server, Entity Framework, Bootstrap and AngularJS.
 - **UPRO System** - Allows signatory contractors to search for a carpenter and verify their demographic info, union status, drug test and any safety certifications.
- Built a mobile app for iOS and Android using Ionic Framework.
- Built a web-based system for managing applicants to the Carpenter's Training Program using Microsoft Power Apps, Power BI and the Power Apps Web API.
- Built a web-based timesheet used by Council employees.
- Assisted with the migration of website hosting to Microsoft Azure.
- The following technologies were used: Visual Studio, ASP, ASP.NET Web Forms, ASP .NET MVC, ASP.NET Web API, JavaScript, AngularJS, Bootstrap, C#, Entity Framework, SQL Server, Microsoft Azure, Azure DevOps, Microsoft Power Apps, Microsoft Power Automate, Microsoft Power BI, Microsoft SharePoint, Sitefinity CMS.

- Worked closely with both technical and non-technical teams to ensure alignment on project requirements and timelines.

Personal Projects

June 2007 - Present

- MindsetPlay.net - website that helps amateur athletes improve their performance by focusing on the mental side of their sport. The website features an AI-powered virtual mental coach, guided mental exercises, goal setting tools and an online journal. Technologies used include: ASP.NET Blazor, MudBlazor, ASP.NET Web API, C#, Azure OpenAI, C#, Azure SQL, Entity Framework, Azure App Services, Azure OpenAI, Azure DevOps, and Stripe payment integration.
- B3ars - Implemented an online bike rental/return system for a company based in Panama City Beach, FL. This online system was built using ASP.NET Blazor, MudBlazor, ASP.NET Web API, Azure App Services, Azure DevOps, Google Sheets, Twilio and Square for payment processing.
- CameronHeadcovers.com - website/app that allows users to set up a virtual version of their Scotty Cameron collection. The website uses 3rd party web services to track the current value of Scotty Cameron items sold on eBay. Technologies used include: ASP.NET Blazor, ML.NET, ASP.NET MVC, ASP.NET Web API, C#, AngularJS, Bootstrap, Azure SQL, Entity Framework, Azure App Services, Azure Web Jobs, Azure DevOps.
- RotoGolfStats.com - website that helps daily fantasy golf players pick their teams using statistical formulas. Technologies used include: ASP.NET MVC, ASP.NET Web API, C#, AngularJS, Bootstrap, SQL Server, Entity Framework, Microsoft Azure, Azure DevOps.

Statik

June 2017 - June 2019

- Chief Technology Officer
- Responsible for the architecture, design, and full stack development of the Statik app for iOS and Android.
- Server-side technologies included: Microsoft Azure, SQL Server, ASP .NET MVC Web API.
- Client app built using Angular/TypeScript with Ionic Framework.

Quilogy

January 2008 - May 2009 and December 1999 - March 2006

- Senior Consultant
- Worked independently and as a team member to successfully complete custom application development projects for clients using the Microsoft technology stack: SQL Server, ASP, VBScript, ASP.net Web Forms, .NET, C#.

RealEstateExpress.com

March 2006 - December 2007

- Director of Technical Development
- Responsible for the ongoing development of an existing group of ASP web applications as well as rewriting an internally used administrative website in ASP .NET web forms.

Activated MultiMedia/Brighton Interactive

October 1997 - November 1999

- Webmaster
- Responsible for the full stack development of 2 web-based training sites and other public websites per client requirements.

Digital Design Studios/The Virtual Market

February 1997 - September 1997

- Webmaster
- Responsible for the full stack development of a large e-commerce site using Microsoft SQL Server, ASP and VBScript.

OnThe.Net

October 1996 - February 1997

- Senior Web Developer
- Oversaw the timely design, creation and implementation of complex websites by a team of designers and developers.

ComputerLand of Springfield, MO

June 1996 - October 1996

- Built websites for customers using HTML, CSS, JavaScript, RealAudio, VBScript, ActiveX and other web technologies.