

# David C. Phelps

## Software Engineer

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### SUMMARY

David is a versatile software engineer with ten years of experience delivering solutions for diverse user bases, ranging from startups to enterprise-level platforms. David has spent the past two years building and maintaining .NET/C# applications, and the past 12 months building a full-stack Blazor application using FluentUI. He is certified in Azure and has implemented several cloud solutions in both Azure and AWS. He is looking to leverage his skills in a fintech environment, translating requirements into well-crafted solutions and driving business value. Having a lifelong appetite for learning, he earned his Master in Business Administration degree in December 2024, broadening his understanding of business finance and management. David proactively identifies areas for improvement – both technical and nontechnical – and stays on top of the latest technological trends.

### EDUCATION

#### **Master of Business Administration, IT Management Emphasis**

University of Wisconsin-Whitewater

#### **Associate of Applied Science, IT – Web and Software Development**

Waukesha County Technical College

#### **Bachelor of Science, Cinema and Video Production**

Bob Jones University

### CERTIFICATIONS

Microsoft Certified: Azure Fundamentals (AZ-900)

ISC2 Cybersecurity CC

### TECHNOLOGIES

**Data:** MySQL, SQL, JSON, Supabase

**Cloud:** Azure, AWS, Netlify, CloudFlare

**Back-End:** C#, ASP.NET MVC, .NET Core, Blazor, Dapper, Entity Framework, PHP, Laravel, Python, Django, Java

**Front-End:** HTML, CSS, JavaScript, TypeScript, Vue, Nuxt, Fluent UI, React, Angular

**eCommerce/CMS:** Magento 2, WordPress, Shopify, Joomla, Drupal

**Dev Tools:** Azure DevOps, Agile, Scrum, Git, GitHub, Composer, Jenkins, Cypress, Visual Studio, Visual Studio Code, Linux, Postman, Docker

**AI:** Azure AI Studio, OpenAI Studio, Azure AI Search, TensorFlow, NumPy, Plotly, Matplotlib

**Other:** REST APIs, AJAX, Sage, NetSuite, Boomi, Figma

### PROFESSIONAL EXPERIENCE

#### **Software Developer**

##### **SysLogic, Inc.**

April 2023 – Present

- Implemented a proprietary chat application leveraging Azure and OpenAI resources, supporting the ingestion of text and image-based documents.
- Maintained a Python and Django application, enhancing data retrieval efficiency and improving UX.
- Developed an interactive Blazor application using C#, .NET Core, Blazor, and FluentUI.
- Built and maintained two ASP.NET MVC applications hosted in Azure and deployed using pipelines.

- Used Azure DevOps for Agile sprints, code review, pull requests, and build/release pipelines.
- Diagnosed and helped resolve issues in AWS-based email notifications by analyzing EC2 instances and Lambda functions.
- Delivered client presentations covering the technical aspects of software development and technology recommendations.

**Technologies Utilized:** C#, ASP.NET MVC, .NET Core, Blazor, Fluent UI, JavaScript, Azure, AWS, SQL, Dapper, Django, WordPress, Azure DevOps, GitHub, Azure AI Studio, OpenAI Studio, Azure AI Search

## **Web Developer**

### **EBSCO Industries/Luxor Workspaces**

May 2021 – December 2022

- Developed a custom PDF upload extension for internal use on the workspace commerce site.
- Set up Azure resources, linked it to a CDN and domain name for email campaigns.
- Led a migration project, moving 3 stores from Magento Open Source to Magento Commerce.
- Spearheaded the implementation of Vertex tax solutions on the workspace commerce site, along with intelligent address suggestions.

**Technologies Utilized:** Magento 2, PHP, WordPress, JavaScript, Composer, MySQL, GitHub, NetSuite, Boomi, Azure

## **Web Developer/Marketing Strategist**

### **Gross Automation**

October 2020 – May 2021

- Built and managed 30+ supplier sites with WordPress and WPEngine.
- Examined user data, A/B tests, heatmaps, and devised an UI/UX plan to increase user engagement.
- Created vector icons and graphics for web and marketing use.
- Conceptualized and launched compelling content for home banners, hero sections, and landing pages across desktop and mobile views.

**Technologies Utilized:** HTML, CSS, JavaScript, WordPress, Figma, Adobe Photoshop, Adobe Illustrator

## **Web Developer**

### **Custom Service Hardware**

January 2018 – July 2020

- Maintained the CSHardware.com Magento Commerce site, conducting regular upgrades, new features, and bug fixes.
- Built interactive JavaScript order forms and responsive landing pages for optimized user experience, leading to a 60% rise in online product sales.
- Leveraged REST API integration to set up a streamlined, automated shipping calculation experience for customers, based on size, weight, and origin.

**Technologies Utilized:** Magento 2, PHP, WordPress, Shopify, JavaScript, Composer, MySQL, GitHub, REST APIs, AJAX, Sage

## **Digital Content Creator**

### **Custom Service Hardware**

November 2014 – January 2018

- Responsible for content creation on the company site, including creating product images.
- Established the video production division, developing scripts, setting up lighting, operating cameras, and did post-production editing. Over 60 marketing and how-to videos were produced and posted throughout social media channels.
- Created interactive banners, landing pages, and monthly promotions on the company site.

**Technologies Utilized:** Magento 2, WordPress, Shopify, JavaScript, Adobe Creative Cloud (Premiere Pro, After Effects, Audition, Illustrator, Photoshop)