

David C. Phelps

Cloud Engineer

dphelps34@gmail.com

262.720.4217

SUMMARY

David is a versatile engineer with ten years of experience delivering software solutions – including three years delivering cloud-based solutions – to enterprise-level clients, non-profit organizations, and small businesses. His blend of skills allows him to adeptly translate client requirements into well-crafted solutions and offers insightful recommendations aimed at driving business value. David's extensive experience in the tech industry has solidified his skills in innovation, problem-solving, and communication. Having a lifelong appetite for learning, he has pivoted into cloud computing, obtaining an AZ-900 certificate in 2023), and is adept at process optimization, contributing to knowledge bases, communicating with stakeholders, and driving excellence in Agile environments.

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

Cloud (Azure): App Services, Functions, Containers, Blob Storage, VMs, ARMs, Kubernetes

Cloud (AWS): EC2, Lambda, Lightsail, VPS, RDS, Kubernetes

Cloud (Other): CloudFlare, Netlify, DigitalOcean

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

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

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

Development 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 – April 2025

- Interacted directly with clients in a variety of industries (global technology/industrial, social impact/community empowerment, color science and commercial ink, and educational advocacy), exceeding expectations on all projects.
- Deployed Azure infrastructure (App Service, SQL Server, Blob Storage, AI Search, OpenAI) for a proprietary AI chat application that supports text, image, and document ingestion with 99% uptime.

- Worked with AWS EC2 and Lambda for a Django application to improve app performance.
- Leveraged AWS Lightsail and IAM to develop and deploy scalable WordPress multisite instances, using CLI to configure MySQL databases, user roles/authentication, and periodical snapshots.
- Maintained existing ASP.NET MVC applications hosted in Azure, refactoring the service layer for use with Entity Framework/EF Core, and implementing new features/enhancements.
- Developed a greenfield Blazor application for an international client using C#, .NET Core, Blazor, and Fluent UI. Majority of the work was creating a step-by-step wizard that gathers input, makes calculations with SQL Server data in Azure, and delivers recommendations for the user.
- Used Azure DevOps for Agile sprints, code review, pull requests, and build/release pipelines.
- Performed presentations covering the technical aspects of AI, Azure cloud computing/architecture, and software development.

Technologies Utilized: Azure App Service, SQL Server, Blob Storage, AI Search, AWS EC2, Lambda, C#, ASP.NET MVC, .NET Core, Blazor, Fluent UI, JavaScript, Dapper, Django, WordPress, Azure DevOps, GitHub

Web Developer

EBSCO Industries/Luxor Workspaces

May 2021 – December 2022

- Built and deployed a scalable Azure App Service, Blob Storage, and CDN for email campaigns, resolving timing issues, and optimizing performance.
- Built and maintained several Linux and Windows VMs for automated order processing.
- Developed custom extensions for a Magento-based commerce site using PHP, enabling secure file uploads, validation logic, and integration with Magento's file management system, reducing manual processing time by 30%.
- Led the migration of three commerce stores, managing database transitions, module upgrades, and theme optimizations and finalized each migration ahead of schedule.
- Reduced user form errors by implementing intelligent address suggestions, leveraging Magento's API and third-party verification services.
- Assisted in the migration from Sage ERP to NetSuite, verifying Vertex tax solutions, Boomi integrations, and conducted multiple batch testing sessions.

Technologies Utilized: Azure App Service, Blob Storage, CDN, Linux VMs, Windows VMs, Magento 2, PHP, WordPress, JavaScript, Composer, MySQL, GitHub, NetSuite, Boomi

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)