

# David P. Cobb

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## Summary

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Hands-on Azure & AWS cloud technologist and advisor with experience in support, development, deployment, and administration. Continuous learner, technical instructor & mentor. Excellent interpersonal and analytical skills with ability to grasp and explain new technologies quickly and integrate them into solutions.

Troubleshoots, communicates, educates and solves complex issues through the full application stack to get results.

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## Certifications

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- [Microsoft Certified: Azure DevOps Engineer Expert](#) | 2020
- [Microsoft Certified: Azure Data Engineer Associate](#) | 2019
- [Microsoft Certified: Azure AI Engineer Associate](#) | 2019
- [AWS Certified Solutions Architect - Associate](#) | 2019
- [AWS Certified SysOps Administrator - Associate \(SOA\)](#) | 2018
- [Microsoft Certified: Azure Administrator Associate](#) | 2018
- MCT (2002), MCSA: Cloud Platform (2016), MCSE : Data Platform(Inactive, 2013)

*Certification transcript provided on request*

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## Selected Recent Achievements

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- Delivered remote and in person technical training on **Azure** fundamentals, administration and data platform.
- Coded **CloudFormation** (Infrastructure as Code) to lift and shift migrated Windows Server 3 tier application stack from VMWare to AWS cloud.
- Leveraged **Azure CLI and PowerShell** to manage a CI/CD project built using ASP.Net/Angular2/REST/SQL stack within Windows docker **containers** deployed with **kubernetes, helm and GitLab**, hosted in **Azure container services (AKS)**.
- Scripted migration of container based solution to **Azure WebApps**, including multiple environments with **Azure DNS** and wildcard ssl.

- Migrated a small business office network and their primary business application to **Azure VMs** and **Remote Desktop Services**, providing HIPAA compliance and enabling a contract with a large Insurance provider.
  - Migrated a small from in house SQL Server to **Azure SQL** cost effectively and without business interruption.
  - Implemented **AWS** file storage gateway in proof of concept for migrating in-house storage to cloud.
  - Built toolkit of **PowerShell** scripts for deploying and supporting Windows .Net desktop RDC application.
  - Received 90%+ rating as trainer in SQL & Azure courses, training as an MCT since 2002.
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## Selected Skills & Tools

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- PowerShell and CLI infrastructure development in Azure, AWS, Windows Server, Hyper-V, Linux
  - Microsoft SQL Server, certified since 2002 (Administration, Programming, Reporting, SSIS/ETL)
  - .Net development & support (C# in Asp.Net, MVC, WCF, REST, Web & Console Applications)
  - Chocolatey, Scoop, VS Code, Azure Data Studio, PowerShell, Visual Studio, cloud command line (Azure & AWS PowerShell and CLI)
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## Experience

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### **CONSULTING & TRAINING | Cobb Information Technologies, Inc | 1996 - Present**

Independent technical trainer and consultant, providing technical instruction, development and support, on my own or with partner businesses. Current focus on mentoring forward thinking client companies, helping them to succeed in Azure & AWS cloud migration of Windows workloads, and to level up their cloud native development on Azure and AWS platforms.

*Training or consulting references provided on request*

### **SYSTEMS ARCHITECT | CheckAlt Payment Solutions | 2005 - 2019**

Joined when CheckAlt was a tech startup offering Check 21 processing and software services. Worked with CTO and team to design and perform ongoing development and maintenance of the database tier and application server stack. Performed multiple datacenter migrations ending in migration to AWS. Previous roles included Systems Administrator, Database Developer and Administrator, Software Support. (Still providing consulting support part time.)

### **DBA ON .NET DEVELOPMENT TEAM | University of Miami. | Dec 2003 - Sep 2005**

Senior Database Analyst. Served on .NET development team as the database designer and administrator, developed web applications for doctors and staff at University of Miami's Ryder Trauma Center.

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## Education

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University of Florida. | Bachelor of Science in Business Administration | 1994

## Activities & Interests

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Speaker and volunteer at local South Florida technology user group meetings and events, including:

- [Microsoft Cloud South Florida User Group](#)
- [Florida .Net User Group](#)
- [South Florida SQL Server User Group](#)
- [Microsoft Data and AI South Florida](#)

Writing cloud tutorials for online publications, including [CloudSkills.io](#) and [Dev.to](#):

- [Deploy a Serverless ASP.NET App to Azure Container Instances from Cloud Shell](#)