



David Pizzi

AI & Cloud Engineering Leader

Generative & Agentic AI Adoption | DevSecOps Transformation | Regulated & Enterprise Environments

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AI

ADOPTION LEAD

10

YEARS AZURE/CLOUD

9

MICROSOFT CERTS

SC

SECURITY CLEARED

Ph.D.

COMPUTER SCIENCE

15+

YEARS .NET/C#

Executive Summary

AI & Cloud Engineering Leader with **10 years' Azure experience** and **3x Microsoft Expert certifications** (Solutions Architect, DevOps, Cybersecurity), driving **Generative and Agentic AI adoption** across regulated enterprise environments. Currently serving as Principal Software Engineer and Delivery Coordinator on a UK Government programme — named **GitHub Copilot AI Champion** for leading AI adoption across engineering teams. Implementing GitHub Copilot and Azure OpenAI solutions to measurably improve developer productivity and delivery velocity. Proven track record delivering cloud-native, AI-enabled platforms in regulated enterprise environments — translating emerging AI capabilities into structured, production-ready delivery models that improve governance, engineering productivity and organisational capability.

Professional Experience

Capgemini

Cloud & Custom Applications · Greater London (Remote)

Mar 2021 — Present

Principal Software Engineer | Delivery Coordinator

2024 — Ongoing

Public Sector Programme

- Operated in a **hybrid technical and delivery leadership capacity** on a UK Government programme, bridging architecture, engineering execution and stakeholder governance
- Introduced **AI-assisted tooling** to improve requirement quality and reduce ambiguity across engineering and business analysis workflows
- Named **GitHub Copilot AI Champion**; drove team adoption improving coding speed, quality and collaboration
- Transformed **Azure DevOps** delivery boards, improving milestone visibility and stakeholder transparency

Senior Software Engineer

2025

Transport Sector

- Built **CI/CD pipeline using Databricks Asset Bundles**, automating deployments and accelerating productionisation
- Redesigned **Azure DevOps project structure** and delivered stakeholder-facing delivery tracking dashboards

Senior Software Engineer

2024 — 2025

Internal AI Innovation Programme

- Prototyped **AI-driven solutions** using RAG and agentic architectures; applied learnings directly to live client delivery
- Contributed to **Agentic AI** capability-building, translating proof-of-concept work into practical engineering outcomes

Lead Solution Architect

2023 — 2024

Public Sector · £40M Programme

- Led platform architecture for **£40M programme**, defining technical strategy and roadmap
- Designed **Azure landing zone** and cloud migration services using CAF/WAF
- Managed **20 engineers** across UK and offshore, strengthening delivery assurance

Platform and Support Lead

2021 — 2022

Mobile Service Provider

- Delivered **platform upgrade** serving **2 million users**, leading cloud engineering team
- Optimised CI/CD pipelines, **reducing time-to-market by 30%**

Cloud Engineer

2021

Car Manufacturer

- Developed **Azure Governance** across tenant with **500+ subscriptions**
- Implemented containerisation with **Docker and Kubernetes**

Senior Cloud Consultant

- Served as **technical point of contact** in the delivery of Azure infrastructure, inputting to design and implementation of solutions
- Worked closely with customers to understand requirements and implement solutions to meet their needs
- Developed **Infrastructure as Code using Terraform and ARM Templates**
- Provided **SME knowledge** around migration of specific applications and services
- Identified additional Computacenter service and sales opportunities

University of Greenwich London, UK

Oct 2019 — Nov 2022

Industry Guest Lecturer

Part-time

- Postgraduate module COMP1680: **Clouds, Grids & Virtualisation** — Azure, Cloud Computing

Condeco Newcastle upon Tyne, UK

Apr 2018 — Oct 2019

Cloud Architect

- **Accountable for all technical architecture decisions**; coordinated with CTO on engineering initiatives
- Communicated vision and guidelines for architecture and coding best practices across the company
- Led R&D, prototyping and documented architecture specifications for engineering teams

IRIS Software Group Stockton-on-Tees, UK

Jul 2016 — Apr 2018

Senior Software Engineer

- Designed, implemented and delivered **Desktop and Web applications** using C#, .NET and Azure
- Architecture governance, DevOps tasks and **Application Lifecycle Management**
- Conducted technical presentations on best practices and latest technologies

Scott Logic Newcastle upon Tyne, UK

Jul 2014 — Jul 2016

Senior Developer

- **Technical consulting** delivering highly-innovative solutions with Agile/SOLID practices
- Conducted code reviews for clients; mentored graduates and provided technical leadership
- Participated in job interviews and recruitment activities

TeleWare Plc Thirsk, UK

Mar 2013 — Jul 2014

ASP.NET Developer

- Full SDLC delivery: design, implementation, testing and deployment of **ASP.NET enterprise applications**
- Code reviews and collaborative development within the team

Teesside University Middlesbrough, UK

Feb 2006 — Mar 2013

Research Fellow

Feb 2011 — Mar 2013

FP7 European Project CEEDs

- Developed **Narrative Systems in C#** for EU FP7 project; mentored research assistants

Research Associate

Feb 2006 — Feb 2011

DTI BARDS Project with Eidos Interactive

- Developed C++ **AI planners (HSP, HTN)** for gaming; published in VRST, IEEE, AAAI, ICIDS