



David Pizzi

Senior Software Engineer | Azure Architect | Delivery Lead
Applied AI, Architecture & DevSecOps | Regulated & Enterprise Environments

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20+

YEARS EXPERIENCE

£40M+

PROGRAMME VALUE

9

MICROSOFT CERTIFICATIONS

20+

ENGINEERS LED

SC

SECURITY CLEARED

Ph.D.

COMPUTER SCIENCE

Executive Summary

Senior Azure cloud architect and software engineer with **20 years' experience** delivering cloud-native platforms and enterprise software across **regulated and enterprise environments**. Leading software engineering, platform delivery and DevSecOps across large, distributed teams. Driving applied **Generative AI adoption**, including GitHub Copilot and Microsoft Copilot technologies, improving developer productivity, cycle time and delivery velocity.



Applied AI Leader

Driving AI adoption and designing agentic solutions with Azure OpenAI and Copilot technologies



Azure Expert

3x Microsoft Certified Expert (Solutions Architect, DevOps, Cybersecurity)



Delivery Leadership

Leading large distributed teams through agile delivery with stakeholder engagement

Professional Experience

Capgemini

Cloud & Custom Applications · Greater London (Remote)

Mar 2021 — Present

Principal Software Engineer | Delivery Coordinator

Public Sector Programme

- Lead engineering delivery for **large-scale public sector programme**, managing **15 engineers** across UK and offshore
- Own technical direction, code quality and architectural alignment across distributed teams
- Drive backlog prioritisation, **cloud-native practices** and **DevSecOps adoption**
- Lead **Generative AI adoption** (GitHub Copilot, Microsoft Copilot) in engineering workflows

2024 — Ongoing

Senior Software Engineer

Transport Sector

- Delivered **DevSecOps automation** for data processing platforms
- Improved delivery efficiency and reporting for stakeholders

2025

Senior Software Engineer

Internal Innovation Programme

- Designed **applied AI solutions** including RAG and agent-based architectures
- Supported internal innovation and capability development

2024 — 2025

Lead Solution Architect

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

2023 — 2024

Platform and Support Lead

Mobile Service Provider

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

2021 — 2022

Cloud Engineer

Car Manufacturer

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

Core Expertise

Software & Cloud Architecture

Engineering & DevSecOps Delivery

Applied AI & Automation

Delivery & Leadership

Technologies

CLOUD & PLATFORM

Azure IaaS PaaS Serverless AKS
Kubernetes

SOFTWARE ENGINEERING

C# .NET Node.js

DEVSECOPS & DELIVERY

Azure DevOps GitHub CI/CD
Terraform Bicep

AI & APPLIED INTELLIGENCE

Azure OpenAI Semantic Kernel
AI Agent Foundry GitHub Copilot
Microsoft Copilot RAG Agentic Systems

Location & Availability

📍 North East England (Teesside)

★ Remote Hybrid Newcastle
Teesside

Computacenter

UK

Oct 2019 — Mar 2021

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

FP7 European Project CEEDEs

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

Research Associate

DTI BARDS Project with Eidos Interactive

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

Certifications

MICROSOFT EXPERT (3)

- Azure Solutions Architect
- Cybersecurity Architect
- DevOps Engineer

MICROSOFT ASSOCIATE (3)

- Azure AI Engineer
- Azure Security Engineer
- Azure Administrator

MICROSOFT FUNDAMENTALS (3)

- Azure AI
- Security, Compliance & Identity
- Azure

GITHUB

- GitHub Copilot Certification

CAPGEMINI

- Certified Architect
- M365 Copilot Champion

BCS

- Enterprise & Solution Architecture

Industry Focus

Public Sector

Financial Services

IT and Software

Retail

Transport

Security Clearance

SC Security Check

BPSS Baseline Personnel

Education

Ph.D. in Computer Science

Teesside University

2006 – 2011

BSc Computer Games Programming

Teesside University

Honours

2003 – 2005

Academic & Research

Research Fellow & Associate

Teesside University

2006 – 2013

AI-driven narrative systems for Eidos Interactive & EU FP7 projects. **24 peer-reviewed papers**, cited 1200+ times (VRST, IEEE, AAAI FS, AIIDE, ICIDS)

Industry Guest Lecturer

University of Greenwich

2019 – 2022

Postgraduate Module COMP1680: Clouds, Grids & Virtualisation