

Henry Poppelwell MBCS

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Location: Newcastle Upon Tyne, United Kingdom

Professional Summary

Strategic Infrastructure Leader and MBCS-accredited professional with over 8 years of experience architecting, managing and maintaining resilient multi-cloud environments across Azure, AWS, and GCP. I specialize in driving cloud maturity through "Security by Design" frameworks and advanced PowerShell automation to eliminate operational overhead. I have a proven track record of delivering high-stakes projects, including ISO27001 certifications and complex tenant migrations, always maintaining a strict focus on FinOps governance and measurable infrastructure ROI.

Core Technical Expertise

- **Cloud & Infrastructure:** Microsoft Azure, Google Cloud, AWS, VMware, Microsoft 365, Google Workspace, Exchange & SharePoint.
 - **Security & Compliance:** ISO27001 Lead, Cyber Essentials Plus, Zero-Trust Architecture, Vulnerability Management (CVE), SIEM Tooling & Analysis, Kandji (MDM), Intune (MDM).
 - **Automation & AI Readiness:** Advanced PowerShell (Azure Automation), Agentic Orchestration, Azure Logic Apps, Python, Infrastructure as Code (Terraform).
 - **Strategic Operations:** FinOps & Cloud Cost Optimization, Stakeholder Management, PRINCE2 Project Management, 3rd Line Technical Support, Mentoring.
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Professional Experience

Founder/Principal Infrastructure Consultant | HDP IT Services *September 2025 – Present*

- **Cloud Consultancy:** Deliver senior-level infrastructure strategy for high-growth organizations, specializing in enterprise-grade security and cloud-native architecture.
- **Security Frameworks:** Architected and implemented "Security by Design" environments using Microsoft Intune and Entra ID Conditional Access to harden hybrid and remote work infrastructures.
- **Strategic Migrations:** Led complex tenant-to-tenant migrations and hybrid-to-cloud transitions, ensuring 99.9% system uptime and robust Disaster Recovery (DR) planning.
- **Workflow Automation:** Developed custom automation engines via PowerShell and Azure Logic Apps to eliminate manual intervention and enforce immutable configuration states across multi-tenant estates.
- **Regulatory Compliance:** Managed end-to-end security compliance lifecycles, performing deep-dive audits and successfully securing Cyber Essentials certifications.

Lead Systems Administrator | Cintra HR and Payroll Services *January 2023 – September 2025*

- **Compliance Leadership:** Spearheaded the company-wide initiative to achieve ISO27001 and Cyber Essentials Plus certifications, significantly reducing the organization's vulnerability surface.
- **Security Orchestration:** Managed endpoint security using Microsoft Intune and Kandji, monitored systems with SIEM tools, and led all CVE vulnerability patching efforts.
- **Process Optimization:** Automated complex operational workflows using PowerShell scripts deployed via Azure Automation, resulting in a significant reduction in manual labour and human error.
- **Infrastructure Integration:** Engineered and executed the seamless migration of newly acquired companies into the parent company's hybrid infrastructure (Azure/AWS/Active Directory).
- **Mentorship:** Provided technical oversight and coaching to a Systems Administrator and an Associate, improving team-wide technical competency and delivery standards.
- **Cloud Architecture:** Architected and prototyped a high-availability AWS infrastructure for a new flagship payroll product, integrating Auto Scaling and

Elastic Load Balancing to ensure 99.9% service uptime and seamless performance during peak processing cycles.

Service Delivery Associate Manager & Software Engineer | Accenture (NHSmail Project) *February 2022 – January 2023*

- **Service Management:** Held a dual-focused role managing service delivery while contributing to software engineering tasks for a major public sector client.
- **Technical Liaison:** Acted as the primary interface between the client and third-party contractors, managing technical inquiries, project updates, and ad-hoc analysis.
- **Automation Engineering:** Developed and deployed numerous PowerShell automation scripts, enhancing operational efficiency for the software engineering team.
- **Release Orchestration:** Managed the implementation of new application releases, coordinating with test teams to ensure seamless integration and platform stability.

Escalation Coordinator & 3rd Line Service Desk Administrator | Accenture (NHSmail Project) *September 2019 – February 2022*

- **Incident Management:** Functioned as the central point of contact for high-priority complaints and technical issues escalated by NHS Digital.
- **Collaborative Resolution:** Coordinated multi-disciplinary engineering teams to expedite the resolution of complex incidents, ensuring timely outcomes for critical public infrastructure.
- **Stakeholder Updates:** Hosted bi-weekly meetings with project stakeholders to provide transparent updates on ongoing escalations and manage expectations.
- **Technical Support:** Provided expert 3rd line support for intricate issues within Active Directory, Exchange Online, and Azure Active Directory.

PMO Analyst | Accenture (Dyson Modern Office Project) *September 2018 – August 2019*

- **Project Governance:** Managed all documentation, governance, and financial analysis as the sole PMO member on a modern office project for Dyson.
 - **Stakeholder Relations:** Cultivated strong relationships with Dyson stakeholders, frequently leading project board meetings in the Project Manager's absence.
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Education & Professional Status

- **1st Class (Hons), BCS Technology Solutions** | Teesside University & Accenture
- **Level 3 BCS Certificate in Software Development (Distinction)** | Newcastle College
- **Professional Member (MBCS)** | The Chartered Institute for IT

Certifications

- **Microsoft Certified: Azure Solutions Architect Expert (AZ-305)**
 - **Microsoft Certified: Azure Administrator Associate (AZ-104)**
 - **Microsoft Certified: Security, Compliance, and Identity Fundamentals (SC-900)**
 - **Microsoft Certified: Azure Data Fundamentals (DP-900)**
 - **Microsoft Certified: Azure Fundamentals (AZ-900)**
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Innovation & Technical Projects (Home Lab)

- **Autonomous Infrastructure Sandbox:** Actively managing a secure home network using OpenWrt with VLAN segmentation and a Snort IPS for real-time threat detection.
 - **Security & Remote Access:** Implemented high-speed remote access via WireGuard and network-wide ad-blocking via Pi-hole.
 - **Service Management:** Maintain self-hosted services including automated media and game servers, using a custom-developed dashboard for streamlined server management.
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References Available Upon Request