

Harry Shelton

Cloud Project Engineer | Solutions Architect | Cloudflare & Azure Specialist

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Profile

Strategic focused Solutions Architect with 4+ years of homegrown progression within a leading UK MSP. Expert in modernising enterprise infrastructure through Cloud-Native design, Zero Trust security models, and bespoke DevOps automation. Proven track record of bridging the gap between ambitious business objectives and technical reality - successfully leading architectural delivery for Tier-1 brands including Fortnum & Mason, Radisson Blu, and UK Athletics. Specialist in identity-governance (Entra ID) and the commercialisation of Cloudflare edge technologies to drive high-margin revenue streams.

Employment History

Focus Group | Shoreham-by-Sea | March 2022 – Present

Cloud Project Engineer (May 2025 – Present)

- **Lead Architect for Cloudflare:**

- **Strategy:** Proactively identified operational risks with legacy solutions. Pitched & secured the Cloudflare Agency Partner program, confirming a 20% discount and equipping sales with a new revenue stream.
- **Engineering:** Built a bespoke API middleware to sync Entra ID with Cloudflare, automating tenant creation and enforcing strict RBAC.
- **Execution:** Orchestrated the migration of hundreds of domains and road mapping the transition to Zero Trust (SASE).

- **Multi-Client Cloud Transformation Program:** Led the end-to-end migration of diverse client infrastructures to Azure. Moved beyond simple "lift-and-shift" by re-architecting legacy workloads into cloud-native solutions (e.g., transitioning File Servers to Azure Files, SQL to Azure SQL, and VPNs to Virtual WAN), resulting in reduced TCO and improved security posture.
- **Infrastructure Refresh for Radisson Blu:** Directed a phased VMware migration with concurrent hardware replacement. Delivered a 40% performance uplift on critical PMS applications, introduced Cloud backups with 2h RPO, and decommissioned legacy systems to simplify the environment.
- **Ransomware Recovery for UK Hospitality Group - Exclusive Collection:** Designed and delivered an emergency Azure recovery. Restored 100% operational capability across multiple sites within 48 hours, implementing enhanced network security measures to mitigate future risk.
- **Standardised Identity Security:** Implemented a unified RBAC model spanning Azure, Microsoft 365, and Meraki. Improved audit readiness and strengthened least-privilege access controls across a 150+ person technical operations team.
- **Enterprise Onboarding for Fortnum & Mason:** Led the technical transition of a strategic enterprise client. Designed a secure RBAC model across AD, Entra ID, and Mimecast, producing a full technical risk assessment to support long-term service delivery.
- **Modern Workplace Rebuild for Just Group:** Led the Pilot Delivery for a greenfield Intune environment, setting the standard for our Field Engineering team to take over the full rollout.

IT Technical Engineer - Projects (April 2024 – May 2025)

- **Cloud Migration for a National Arts Institution:** Led an end-to-end Azure modernisation after catastrophic server failure. Architected a greenfield environment (domain services, Azure Files, Intune,

AVD) that came in 15% under projected cost. Reduced critical application login times by 70% and introduced a robust backup plan with 4h RPO / 8h RTO

- **Security Remediation Lead:** Provided technical assurance for clients, such as Finatal and Clipfine, undergoing SOC2 and Cyber Essentials+ audits, designing remediation paths that ensured 100% pass rates.
- Led simultaneous remote implementation projects for SMEs and enterprise clients, ensuring secure, consistent rollout of cloud, on-prem and modern workplace solutions.

IT Technical Field Engineer (August 2023 – April 2024)

- Delivered multi-site infrastructure deployments for SME and enterprise clients, including switches, clustered servers, and resilient NAS platforms, ensuring reliable core services.
- Administered and supported on-premises environments across Microsoft Exchange, Windows Server, and Active Directory, stabilising legacy systems during client transitions to cloud.
- Provided frontline support and remediation on SonicWALL, Sophos, and Meraki firewalls/VPNs, strengthening client perimeter security and reducing downtime across multiple environments.

2nd Line Technical Advisor (November 2022 – August 2023)

- Served as a key escalation point, achieving the highest team SLA & KPI compliance while introducing PowerShell automation to reduce resolution times.

1st Line Technical Advisor (March 2022 – November 2022)

- Provided first-contact support, consistently resolving issues, above KPI, at source to reduce escalations.

Core Technical Expertise

- **Architectural Design:** Azure (Hub-Spoke, Virtual WAN, Azure SQL), Greenfield Modernisation, TCO Optimization.
- **Security & Governance:** Zero Trust (SASE), Entra ID Governance, RBAC Design, Cyber Essentials+ Lead.
- **DevOps & Automation:** API Middleware Development (Python/Node), IaC (Terraform), PowerShell Scripting.
- **Networking & Edge:** Cloudflare (WAF, Zero Trust, Workers), Meraki SD-WAN, Sophos HA, BGP.

Certifications

- **Microsoft:** Azure Administrator Associate (AZ-104), Azure Fundamentals (AZ-900), AZ-305 (In Progress).
- **Cloudflare:** Zero Trust Engineer (ZTE), Application Security Engineer.
- **Cisco:** Cisco Meraki Network Associate (CMNA), Engineering Cisco Meraki Solutions (ECMS)

Key Personal Projects

- **AetherCred:** Developed an open-source security posture tool using PowerShell and Graph API to identify Entra ID vulnerabilities and provide automated risk scoring.
- **Serverless RBAC Engine:** Built a Cloudflare Worker-based tool to manage identity governance across multi-tenant MSP environments, reducing manual admin overhead by 80%.