

Professional Summary

Systems Specialist and Senior IT Infrastructure Engineer with 20+ years across infrastructure, cloud, networking, cybersecurity, and business analysis. Delivered through Adriason IT Solutions to a multi-client UK enterprise and public-sector portfolio (HMRC, DWP, Fujitsu, Aviva, Asda, Specsavers, and others), and previously to banking-grade environments at ING Bank and Raiffeisen International. Hands-on across Windows, Linux/UNIX, VMware/Proxmox/Hyper-V, AWS/Azure/GCP, and multi-vendor networking and security stacks. Currently reading BSc (Hons) Computing at Arden University (2022 - 2026). Operates a multi-vendor enterprise home lab to maintain hands-on currency.

Core Competencies

Infrastructure & Systems

- Windows Server (2003 – 2022); Linux/UNIX (RHEL, AIX, Ubuntu, CentOS, Debian, SUSE, Fedora, Arch, Kali)
- Virtualisation: VMware vSphere/ESXi, Proxmox, Hyper-V, KVM, OpenShift, VirtualBox
- Active Directory, Group Policy, Exchange, Office 365, Google Workspace
- SAN storage, clustering, replication, HA
- Backup and BC/DR: Veeam, Acronis, Tivoli, Max Backup, Azure Backup, Azure Site Recovery; RTO / RPO definition, DR runbook authorship, and tested failover ownership

Solution & Enterprise Architecture

- High-Level Design (HLD) and Low-Level Design (LLD) authorship across infrastructure, cloud, network, and EUC programmes
- Target operating models, current/target-state mapping, capability maps
- Architecture diagrams and design documentation in Visio, Lucidchart, and draw.io

Cloud

- AWS, Microsoft Azure, Google Cloud, IBM Cloud, Oracle Cloud — platform-trained and applied in client engagements
- Hybrid and full cloud migration design and execution; SaaS delivery and managed cloud services
- Legacy modernisation; digital transformation

DevOps, IaC & Containers

- Containers and orchestration: Docker, Kubernetes
- Infrastructure as Code and configuration management: Terraform, Ansible, Puppet, Chef
- CI/CD: Jenkins, GitHub Actions, GitLab CI, Azure DevOps

Networking

- Multi-vendor LAN/WLAN/WAN/DC: Cisco (Catalyst, Nexus, ISR/ASR, ASA, Meraki), Juniper, Fortinet, Aruba, Zyxel, Dell, Sophos, Palo Alto, Check Point, pfSense, SonicWall
- Wireless: controller-based and standalone (Cisco WLC, Aruba Central, UniFi, Meraki); site surveys; 802.1X / WPA Enterprise / RADIUS; guest networks and captive portals
- SD-WAN (Cisco Meraki, Fortinet, VMware VeloCloud); site-to-site and remote-access VPN; firewall and segmentation
- Greenfield network design and operate-and-maintain

Cybersecurity

- Pentest tooling: Kali, Metasploit, Burp Suite, Nmap, Wireshark
- EDR: CrowdStrike, SentinelOne, Carbon Black, Microsoft Defender for Endpoint
- SIEM platform exposure (representative: Microsoft Sentinel, Splunk)
- Vulnerability-management tooling exposure (representative: Nessus, Qualys, OpenVAS)
- Incident response; security policy, risk assessment, BIA contribution; IAM and privileged access (CyberArk)

Compliance & Governance Frameworks

- Experience working under GDPR, ISO 27001, PCI-DSS, SOX, NIST CSF, and Cyber Essentials / Cyber Essentials Plus
- Applied controls aligned to these frameworks across client and banking engagements
- Supported audits across regulatory and industry-standard programmes

Modern Workplace / Microsoft 365

- Tenant administration across local, cloud, and hybrid Microsoft 365 estates
- Exchange Online; SharePoint Online; Teams (policies, voice, meeting rooms)
- Defender for Office 365 / Defender XDR
- Purview / DLP / retention / eDiscovery
- Power Platform: Power BI, Power Automate, Power Apps

End-User Computing & Mobile Device Management

- Intune (MDM, MAM, Autopilot); SCCM / MECM; Citrix Virtual Apps & Desktops
- MDM platforms: Intune, AirWatch / Workspace ONE, MaaS360, Citrix Endpoint Management, Mobi Control, Comodo, Sophos MDM
- Cross-platform fleets: Windows, macOS, Linux, Android, iOS

Telephony & Unified Communications

- VoIP/SIP PBX (3CX, Elastix, Asterisk, FreePBX); SIP trunking (BT, Twilio); Microsoft Teams Phone, Zoom Phone
- IVR, call queues, ring groups, call recording / compliance, HA / failover telephony
- IP phones (Avaya, Cisco); video conferencing (Cisco, Tandberg)

Monitoring & Observability

- Zabbix, PRTG, SolarWinds, Grafana, Splunk, Nagios, CACTI, NMON

ITSM & Delivery Tooling

- ServiceNow, Jira, Confluence, Zendesk, MS Project; HP Quality Center, HP ITSM, Service Desk Express
- ITIL v3 — Incident, Change, Problem Management
- Service-management depth: SLA, OLA, and underpinning-contract authorship; CAB participation across change cycles; Problem Management ownership including root-cause analysis and known-error record curation
- Knowledge-base, runbook, and SOP ownership using Confluence and SharePoint-based platforms

Business Analysis

- Requirements gathering, solution design, gap analysis; vendor selection and product evaluation
- Functional and technical test case authoring; test cycle coordination
- Business process optimisation and digital transformation

- Project delivery frameworks: PRINCE2 and PMI (training and applied working knowledge), Agile / Scrum, Waterfall, hybrid, and custom approaches tailored to client constraints
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Consulting & Commercial

- RFI / RFP / SoW contribution across client engagements
 - License management and cost optimisation, including FinOps practices (Microsoft EA, VMware, Azure cost management)
 - Vendor evaluation & selection; vendor escalation and contract negotiation
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Software Packaging & Endpoint Engineering

- Windows .msi, Android .apk, iOS .ipa packaging; custom firmware, BIOS profiles, gold images (HP)
 - OS migration (Windows 7 → 10 → 11), domain migration, MSP separation
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Middleware, Web & Data

- IBM WebSphere MQ, Connect:Direct, WebSphere Application Server; SOAP/XML web services; BizTalk Server; SWIFT payments integration
 - Apache, nginx, Tomcat; MySQL, MSSQL, Oracle; DNS, domain administration, hosting, CMS
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Scripting & Automation

- Bash, Python (automation, integrations, data processing); PowerShell (medium proficiency)
 - AI coding assistants (ChatGPT, GitHub Copilot) integrated into day-to-day delivery
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Reporting & Compliance

- Crystal Reports; FATCA and CRS regulatory reporting; AML (Norkom); internal and external audit reporting

Professional Experience

Systems Specialist

Selected Client Engagement – Field Engineer, Barron McCann | December 2021 – 2022

Independent IT consultancy vehicle. Delivered infrastructure, cloud, networking, security, MDM, and end-user computing engagements to a multi-client UK enterprise and public-sector portfolio including HMRC, DWP, Fujitsu, Dell, Diebold Nixdorf, Herbert, Elecomm, A&O IT Group, DTP Group, AT&T, Cadent, Aviva, Engie, Specsavers, Irwin Mitchell, Roc Technologies, Asda, Aldi, Barron McCann, and others.

Cloud & Digital Transformation

- Architected and led full and hybrid cloud migrations across AWS, Azure, Google Cloud, IBM, and Oracle for enterprise-scale client estates, designing middleware to interconnect heterogeneous platforms.
- Implemented Single Sign-On and Azure AD identity solutions, consolidating authentication across enterprise environments.
- Engineered managed cloud services and custom SaaS across the full delivery lifecycle.
- Drove paperless and process-automation initiatives, reducing manual processing overhead in client operations.

DevOps & Infrastructure as Code

- Built and maintained Infrastructure-as-Code workflows (Terraform, Ansible) and container platforms (Docker, Kubernetes) for client engagements, standardising provisioning and configuration across multi-environment estates.
- Implemented CI/CD pipelines (Jenkins, GitHub Actions, Azure DevOps) to automate build, test, and release flows.

Mobile Device Management

- Deployed and administered MDM (Intune, AirWatch / Workspace ONE, MaaS360, Citrix, Mobi Control, Comodo, Sophos) across Windows, macOS, Linux, Android, and iOS estates spanning hundreds of endpoints.
- Orchestrated enrolment, app deployment, and security-policy rollouts; executed MDM platform migrations with minimal user disruption.

Infrastructure & Networking

- Ran VMware clusters, Windows Server estates, and supporting databases for client organisations.
- Designed, configured, and hardened multi-vendor networks (Cisco, Juniper, Fortinet, Aruba, Zyxel, Dell, Sophos) — switches, routers, firewalls, APs, and SD-WAN.
- Engineered a site-to-site VPN mesh across multiple client offices to secure inter-site connectivity for distributed estates.

- Administered Active Directory, Exchange, and Office 365 — users, permissions, groups, mail, and storage.

Software & Endpoint Engineering

- Packaged, tested, and shipped software across Windows (.msi), Android (.apk), and iOS (.ipa).
- Authored custom firmware, BIOS profiles, and gold images for HP device fleets.
- Led fleet-scale Windows 7 → 10 / 11 migration programmes, including domain transitions and separations from legacy MSPs.
- Migrated large mailbox estates from on-premises Exchange to Office 365.

Telephony & Communications

- Implemented and ran PBX platforms (3CX, Elastix, Asterisk, FreePBX) over SIP and BT lines; largest PBX deployment ~2,500 extensions.
- Configured Cisco and Tandberg video conferencing for enterprise clients.

Consultancy & Support

- Advised on-site and trained end users across client sites.
- Troubleshot hardware and software issues across PC, Mac, Windows, and Linux/UNIX environments.
- Authored functional and technical test cases and end-user manuals for delivered solutions.
- Covered 5-20 client sites per month with UK-wide reach — hardware installs, decommissions, infrastructure upgrades, and deployment projects.
- Executed end-to-end device lifecycle work (install, configure, deinstall) for enterprise IT equipment.
- Supported large-scale deployment and upgrade projects to fixed schedules.
- Troubleshot hardware and software issues hands-on across diverse client environments.

Field Engineer

PC Callout Ltd | September 2016 – March 2018

- Responded to on-call hardware and software requests, diagnosing and resolving issues across diverse client environments.
- Trained end users on system usage and best practice.

Volunteer IT Administrator

Non-profit Organisations (Rubik Minds, Deschidem Lumea, others) | January 2015 – March 2019

- Built and maintained organisational websites — domains, DNS, hosting on Linux/Windows, AWS, and Azure.
- Administered MySQL and MSSQL databases supporting web apps and internal tools.

- Hardened web infrastructure (Apache, nginx) including firewalls and endpoint protection.
 - Administered Office 365 and Google Workspace tenants, accounts, and devices.
 - Owned project management, internal workflow design, and IT governance.
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IT Business Analyst

Centralised Raiffeisen International Services & Payments (CRISP) | February 2012 – February 2016

- Application owner for the Norkom AML platform (Java, Tomcat, Oracle), screening ~10M daily transactions combined batch and real-time across 35+ countries with differing regulatory frameworks.
 - Coordinated cross-functional testing programmes spanning 2-5 testers per country across development, test, and operations.
 - Administered an estate of ~14 servers — 4 application, 4 Oracle DB, 6 VMware nodes for adjacent applications — across AIX and RHEL, with full DR replication to a secondary site.
 - Ran WebSphere Application Server, IBM MQ, and Connect:Direct file-transfer pipelines.
 - Produced FATCA, CRS, and internal/external compliance reporting via Crystal Reports.
 - Led incident, change, and problem management through HP Quality Center and HP ITSM, ITIL-aligned via Service Desk Express.
 - Implemented infrastructure monitoring with Nagios, CACTI, and NMON.
 - Integrated SWIFT messaging, payments software, and reporting via SOAP/XML, MQ, and Connect:Direct.
 - Administered Lotus Notes and Sametime for internal communications.
 - Automated operational and reporting tasks with Bash and Python.
 - Owned backup infrastructure (Acronis, Max Backup, Veeam) including replication and BC/DR planning.
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System Support Specialist

ING Bank NV, Amsterdam | January 2010 – February 2012

- Application owner for core banking and payments/transactions systems, delivering 2nd and 3rd line support to a customer base of millions.
- Ran a WebSphere MQ messaging estate of ~30 queues handling tens of thousands of daily transactions.
- Administered CyberArk privileged access; SFTP and BizTalk file processing flows with MSSQL back ends.
- Administered Windows Server 2003/2008 across physical and virtual (VMware, VirtualBox) infrastructure.
- Migrated and clustered servers on SAN storage; backups via Tivoli, imaging, and Shadow Copy.

- Authored functional and technical test cases; orchestrated promotion pipelines from dev through to production.
 - Applied ITIL for support operations and Agile for development coordination.
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Helpdesk Officer

ING Bank NV, Amsterdam | October 2008 – January 2010

- ITIL v3 Single Point of Contact for 2,500+ banking users, handling 50-100 tickets per day.
 - Lifted first-call resolution from ~70% to over 90% through process tightening and knowledge-base development.
 - Administered Active Directory and Exchange — provisioning, permissions, mailboxes.
 - Enforced information security and access management policy across the user base.
 - Administered Avaya and Cisco IP telephony, resolving telephony issues and configurations.
 - Handled remote and on-site support and escalated complex issues to 2nd/3rd line.
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Service Technician

A.T. Impex SRL | October 2007 – October 2008

- Programmed, configured, and repaired Electronic Cash Registers, POS systems, and barcode scanners for retail clients.
 - Authored technical tutorials and setup/troubleshooting documentation.
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IT Support Technician

ISP AComputers SRL | August 2007 – March 2008 (concurrent)

- Handled remote, phone, and on-site support — hardware/software install, configuration, troubleshooting.
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Thermal Transfer Printing Operator

Avery Dennison SRL | April 2007 – November 2007

- Operated industrial thermal transfer printing equipment for label and packaging production.
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IT Administrator

ISP Sovale SRL | September 2002 – July 2007

- Maintained ISP network — switches, routers, servers, and LANs — across hardware and software layers.
- Coordinated and dispatched field technicians for installs, repairs, and maintenance.
- Owned ISP operations, sustaining uptime and service delivery to subscribers.

IT Technician

IIRUC Service SA | May 2005 – October 2005 (concurrent / part-time)

- Handled hardware and software support — warranty triage, component-level diagnostics, and PC assembly.

Education

BSc (Hons) Computing — In Progress

Arden University | 2022 - 2026 (expected)

Management Studies — Complete

Universitatea Spiru Haret (USH), Ploiesti | 2009 - 2012

Automatic Control & Computers — Graduate

Universitatea Petrol-Gaze (UPG), Ploiesti | 2003 - 2006

Telecommunications

Spiru Haret High School, Ploiesti | 1999 - 2003

Planned further study: MSc and PhD in AI / Cybersecurity.

Training & Professional Development

Courses and training completed across vendors and disciplines. Adrian holds no current valid industry certifications and is able to obtain certifications rapidly as required by role.

- **TOGAF** — coursework in enterprise architecture frameworks.
- **CompTIA** — coursework in foundational IT (A+), networking (Network+), security (Security+), Linux administration (Linux+), and advanced enterprise security (CASP).
- **Cisco** — coursework in entry-level networking (CCENT) and broader routing, switching, and security topics.
- **Microsoft** — coursework on Windows 7/8/10, Microsoft and Azure platforms (cloud, identity, endpoint).
- **Cloud** — platform and certification-track coursework on AWS, Microsoft Azure, and Google Cloud Platform.
- **Oracle** — coursework on database and platform administration.
- **ITIL** — v3 Foundation and Practitioner coursework (Incident, Change, Problem Management).
- **Security** — Penetration Testing and Ethical Hacking coursework.
- **Professional Skills** — Customer Care and Satisfaction; Time Management.
- **Continuing Education** — Ongoing webinars and vendor training across Microsoft, Azure, AWS, Google, Cisco, Oracle, VMware.

Able to obtain industry certifications rapidly as required by role.

Leadership & Soft Skills

- Mentored 5–6 junior team members across consultancy and prior roles.
 - Customer-facing delivery formats: discovery and requirements workshops, formal classroom-style training, 1:1 mentoring, client onsite presentations and readouts, train-the-trainer and handover sessions. Audience size 5–10 per session.
 - Contributed to vendor selection and product evaluation — research, hands-on testing, and comparative analysis.
 - Occasional engagement with senior and C-level stakeholders for project and technical updates.
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Home Lab

Multi-vendor enterprise lab maintained for hands-on currency across networking, security, virtualisation, telephony, and physical-layer infrastructure:

- **Rack, power & physical layer:** rack-mounted environment with structured cabling, fibre optic interconnects, and network-over-DSL transport across legacy telephone-line cabling. Resilient power: APC network-managed 5 kW UPS and three network-managed PDUs with per-port switching for remote power cycling and load monitoring. Out-of-band access via a 32-port serial console server with dual power supplies and dual LAN uplinks for resilient remote-hands management.
 - **Networking & security:** Cisco (switches, routers, firewalls, APs), Cisco Meraki (switches, firewalls, APs), Fortinet (FortiGate firewalls, APs, switches, 5G router), Zyxel (firewalls, switches, APs), Palo Alto, Sophos, Check Point, pfSense, SonicWall.
 - **Virtualisation:** multi-hypervisor cluster — VMware, Proxmox, Hyper-V, KVM, OpenShift — running across multiple physical servers.
 - **Storage & NAS:** QNAP rack-mounted NAS and custom Linux-built NAS appliances for shared storage, backup targets, and replication testing.
 - **Telephony:** Cisco IP phones (analog and digital), SIP IP phones, and IP telephony servers for end-to-end VoIP / unified-communications testing.
 - **Monitoring & logging:** centralised syslog server aggregating events from network, security, virtualisation, and storage tiers for fault-finding and audit trail.
 - **In development — AIOps / local AI monitoring:** building a self-hosted AI agent over the syslog estate to perform anomaly detection, alert classification, and automated notification via email and WhatsApp; combines homelab observability data with locally-run language models for AI-augmented operations.
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Languages

- Romanian — Native
 - English — Advanced
 - French — Intermediate
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Professional Affiliations

- **MBCS — Member, British Computer Society.**
 - Active participant in technology meetups, conferences, and community events.
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Additional Information

- **Nationality:** Romanian
 - **Right to Work:** United Kingdom
 - **Driving Licence:** Full, Clean (UK)
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