MCP (x11), MCDST, MCSA1, MCSA, MS, MCSE

5 Woodland Av. Pencoed, CF35 6UW

PROFESSIONAL **SUMMARY**  Tel: 07795 661 007 Email: [garytrembath@gmail.com](mailto:garytrembath@gmail.com)

A successful, experienced, disciplined, and highly-motivated IT professional who has worked on a variety of projects. Experience working in diverse business sectors such as Education, Telecommunication, Finance and Medical Devices Services. A Certified Solution Associate working to design and implement technology to meet legal and compliance specification acceptable by all stakeholders.

**INFORMATION TECHNOLOGY SECURITY**

* Architect and key stakeholder in the deployed of IT Services in accordance with ISO 27001 accreditation.
* Designed and implemented IT security policy and principles in accordance with Cyber Essentials Plus accreditation.
* Ensure credibility within the marketplace for hosting and storing sensitive data in accordance with Data Protection and GDPR legislation.
* Ensuring the correct security principles are implemented to address document classification, information leakage while retaining complete control over the organisation boundary.
* Ensuring information accessible on BYOD and Cloud services are secure and comply with Information Security Management Systems policies.

**INFRASTRUCTURE CHANGE MANAGEMENT**

* Manage and Maintain a High Availability Azure environment across multiple geographical regions, in accordance to relative regulations and legal legislation. (ISO 27001, ISO 9001 ISO 13485, Data Protection Act 1998 & GDPR)
* Maintain multiple Data Centre Infrastructure environments to deliver key IT Services to internal and external customers, allowing for software and system update to be developed, tested and released respectively.
* Plan and manage IT Budget of £100K+ to ensure continue delivery of IT Services in co-ordination with the organisational road map.
* Key stakeholder in project planning system changes, working closely with the development and operational teams to implement change and co-ordinate information security training.
* Ensure Organisations IT Services are compliant with ISO 9001, ISO 27001 and Cyber Essential Plus.
* Deliver day-to-day desktop support, including back-office systems, operating systems web services, sales apps, Apple Mac and iPhone/iPad devices.

**BUSINESS APPLICATION SUPPORT**

* Provide 3rd level application support expertise for Manufacturing, Financial & Education Services
* Work closely with the business to champion the concept of operational super users and ensure continuous IT systems knowledge transfer and end user empowerment.
* Provide expert knowledge and lead training seminars on key process and policy matters including Information Security training.
* Provide expert support when reviewing clients unusual request and address their needs with system updates and/or training.

**IT SERVICE MANAGEMENT**

* Develop and maintain an IT roadmap to support the business in delivering Education Safeguarding Services.
* Handle all day-to-day support requests for the business relating to IT Security and system infrastructure matters.
* Conduct Vendor / Technology evaluations

Lead **DevOps Engineers**

Department for Education <https://www.gov.uk/government/organisations/department-for-education>

April 2019 – **Current**  (Coventry/Sheffield/London)

Providing government services for the Department of Education

**Achievements**

* Managing and mentoring 12 engineers within the team, Including One-2-Ones, Agile Sprints & Daily Scrum.
* Tasked with the maintenance of the **4th largest Azure subscription** with the UK, £14 million per annum running cost.
* Technical lead for the migration and decommissioning of 9 legacy Domain and Service with the AD rationalization project.
* Technical lead on the Azure Classic to ARM migration, 1000+ resources within 50+ subscription over 6 Azure tenancies

**Automation**

* Implement Selenium testing through Azure DevOps pipeline for 40+ public services
* Desired State Configuration (DSC) push and pull within On-Prem and Azure Automation
* Creation of ARM Templates for Quick Azure deployment, Infrastructure As Code (IaC)

**BAU**

* Deployed and Manage, SQL HA (Always On Availability Group) within Azure Virtual Machines
* Deployed and Manage, HA Remote Desktop Service with 20+ RD Session Hosts
* Deployed System Centers DPM for backup and recovery for a large VMware estate
* Maintaining Documentation and Software repositories
* Maintaining low service desk tickets and responding to Service Outages

DevOps **CLOUD** **ENGINEER**

CafeX <https://www.cafex.com/en/>

September 2018 – **April 2019** (Cardiff/NYC)

Café X Communication provide a collaborative single pane of glass for online Chat, Co-Browse and meetings

solutions within Microsoft Dynamics 365.

**Cloud Services**

* Managing and maintaining production and staging environment within Azure and AWS
* Manage and maintain 12 Kubernetes environments covering the USA, EU and Asia Pacific.
* Developing Failover and Business Continuity Services, Stakeholder within the delivery of ISO27001

**Monitoring**

* Azure Function apps | Log Analytics | Elastic Search | Cosmos DB | Datadog | Pingdom

**DevOps**

* Azure Runbooks | PowerShell | Infrastructure as Code | DSC | Docker | Kuberbetes | Azure AKS | Azure Container Repository (ACR)

Disaster **Recovery Engineers**

Intellectual Property Office [http://www.ipo.gov.uk](http://www.ipo.gov.uk/)

February 2018 – **August** **2018**  (Newport)

Providing Government services for the Intellectual property Office

**Achievements**

* Mitigate the IPOs exposure to Disaster Recovery and refresh their Business Continuity procedures.
* Produced GAP analysis and RISK report on the existing recovery capabilities
* Successfully tendered my business case to the Technical Design Authority (TDA) for replacing their existing backup and recovery services (£70,000 budget)

**Cloud Services**

* Implemented System Centers Data Protection Manager (DPM) with Azure Recovery Vault for off-site protection
* Transitioned services in-line with their cloud first objective, while reducing capital expenditure and simplifying the estate.
* Transformed the Intellectual Property Office [https://www.ipo.gov.uk](https://www.ipo.gov.uk/) approach to backup and cloud recovery.

IT and SECURITY **MANAGER**

One Team Logic [http://www.oneteamlogic.co.uk](http://www.oneteamlogic.co.uk/)

January 2017 – **February** **2018** (Talbot Green/Dorchester)

We’ve grown exponentially in the last year and have overcome many operational hurdles in order to deliver a safe and secure safeguarding system to schools - MyConcern. It allows teachers and those responsible for child welfare to easily record and monitor concerns they might have in line with national guidance. We’ve put rigorous processes in place and have gained ISO 27001, ISO 9001 certifications, and have just obtained our Cyber Essentials Plus accreditation, making us GDPR ready,

**My Achievements**

* Achieved ISO 27001 and Cyber Essential Plus Certification.
* Architect and key stakeholder in the deployed of One Team Logic IT Services in accordance with ISO 27001 certifications.
* Deployed the first forest root Active Directory Domain for One Team Logic and its accompanying Servers, Workstations, Switches, Printers, Group Policy Objects, Shared Drives, Access Policies, Device Registration Services, VoIP Services, Asset Management, Software Deployment services, Audit and Monitoring controls, Role Based Access Controls, Data Replication and Backup Strategies across a Multi-site environment.
* Approved Business Case for Microsoft Intune, Microsoft Azure Backup Services and Hyper-V fabric node expansion.
* Point of contact for 62 staff members over two geo-graphical locations.
* Achieved Digital Startup of the year Award 2017 https://www.oneteamlogic.co.uk/News/Article?id=305 including growth of 8 - 62 members of staff.

**Project Deployment**

* Expansion of Hyper-V nodes to improve scalability and capacity management for IaaS services.
* Infrastructure Risk Analysis of existing estate, followed with the implementation of a local Microsoft Data Protection Server (DPM) with Microsoft Azure Backup Services integration. Overhauled the entire backup strategy to include Azure Offsite Backup and site resilience.
* Design and implementing alternative levels of business continuity based on cost, available future budgets and resources.
* Implemented Role-Based Access Controls for all services resources.
* Migrate the entire Azure estate from Weston Europe to the UK South location in accordance with UK DPI Law following Brexit
* Implemented a High Availability, Auto Scalable Azure infrastructure across multiple geo-graphical regions.
* Budget holder for £110,000 of managed services per annum, including CAPEX/OPEX forecasting.

**Cloud Services**

* Office 365 integration with Azure AD Connect
* Implement and Manage multiple, Azure SQL database with Geo-Replication and Long-Term Recovery Polices.
* Implement and Manage multiple, auto-scalable Web-App Services within different regions.
* Implement and Manage multiple, Traffic Managers
* Implemented Microsoft Intune Mobile Device Management (MDM) and Mobile Application Managed (MAM) policies to secure and control company data accessed through BYOD mobile devices
* Office 365 SharePoint deployment for OTL intranet and organization policy document store, including New Start, change control, software request and purchase request forms.
* Office 365 Security and Compliance policy deployment with an ongoing Security score of 290+

**Compliance**

* GDPR, staff awareness training, Impact assessment
* Encrypting at rest, preservation and retention policies, Annual penetration tests
* Assets management
* Document Classification,

INFRASTRUCTURE **MANAGER**

Mobile Diabetes Management <http://www.cellnovo.com/>

April 2011 – **November** **2015** (Swansea/London/Bridgend)

The Cellnovo System is the world’s first mobile diabetes management system, including an insulin patch pump, activity monitor, cellular-enabled wireless touchscreen handset with integrated blood glucose meter and automatic connectivity to secure servers

**My Achievements include**

* Architect and key stake holder in the development of IT strategies for Cellnovo European commercial launch.
* Systems architect for implementing and managing multiple data-centre environments to host Cellnovo secure online product offerings in UK and Europe.
* Implemented, managed and maintained a cloud based customer care department to serve 24/7 remote agents.
* Implemented, managed and maintained mission critical services (MS Dynamics CRM 2011) as the underlying technology for Cellnovo online footprint and product management services.
* Implemented and maintained policies and technical documentation for infrastructure, security, disaster recovery and business continuity.
* Point of contact and main IT representative for 115 staff over three branch offices
* Budget holder for £120, 000 of managed services per annum, including CAPEX/OPEX forecasting.

**Compliance and Regulatory**

* Working within ISO certifications ISO 13485 & ISO 9001 guidelines and best practices.
* Ensuring that the Cellnovo online footprint is compliant with UK and French medical data hosting and storage laws.
* Implementing compliance and regulatory standards for FDA 510k submission.

**Project Deployment**

* Project managed the staged deployment of branch offices, manufacturing facilities, data centre deployments and operational services based on the organisational roadmaps.
* Implemented a 24/7 IT monitoring service for Cellnovo production environment, including dynamic automated reports and SMS notification using WMI, SNMP & SQL services.
* Design and implementing alternative levels of business continuity based on cost, available future budgets and resources.
* Policy architect and producer of business cases for direction of IT strategy to accomplish short and long-term operational and commercial goals.

**Development, Change Control and Release Management**

* Developed customised solution to extend Dynamics CRM to meet with Cellnovos operational requirements.
* Designed, implemented and presented new functionality for Cellnovo mobile diabetes management system to the CEO and executive stakeholders. Including customer services, multi-factor authentication, Office 365, and Hyper-V high visibility.
* Manage the release, build, configuration, documentation and deployment of online services throughout the product life cycle.
* Ensure all changes and releases are traceable, secure and that only correct, authorised and tested versions are deployed.
* Implement, manage and maintain three distinct environments for development, integration & testing and the production environment respectively, allowing for functionality to be developed, tested and approved prior to its release into the live environment.

**Staff Management**

* Management experience includes, employment and termination of staff, annual review and the setting of performance metrics.

Early Career

IT Consultancy Client **Manager**

Providing IT Support Managed Services <http://www.inprovaenergy.com/>

March 2010 – April 2011 (Caerphilly)

3rd Line Systems **Engineer**

Global Internet Benchmarking. <http://www.epitiro.com/>

October 2007 – March 2010 (Cardiff)

Support Center **Manager**

Retail Finance <http://www.avantiseducation.com/>

September 1998 – October 2007 (Cardiff)

Core Qualifications

**Microsoft Certified Professional Transcript**

Transcript ID (1164801)

Access Code (15080525)

<https://mcp.microsoft.com/Anonymous/Transcript/Validate>

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| --- | --- | --- |
| AZ 103 Azure Administrator | AZ-103 | Microsoft Azure Administrator |
| MCSA: Windows Server 2016 | 70-743 | [Upgrading Your Skills to MCSA: Windows Server 2016](https://www.microsoft.com/en-us/learning/exam-70-743.aspx) |
| **MCSA:** Windows Server 2012 | 70-410 | Installing and Configuring Windows Server 2012 |
|  | 70-411 | Administering Windows Server 2012 |
|  | 70-412 | Configuring Advanced Windows Server 2012 Services |
| **MS:** Server Virtualization with Windows Server Hyper-V and System Center | 74-409 | Server Virtualization with Windows Server Hyper-V and System Center Specialist |
| **MCSA1:** Windows Server 2003 | 70-290 | Managing and Maintaining a Microsoft Windows Server 2003 Environment |
|  | 70-291 | Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure |
| **MCDST:** Microsoft Certified Desktop Support Technician | 70-271 | Supporting Users and Troubleshooting a Microsoft Windows XP Operating System |
|  | 70-272 | Supporting Users and Troubleshooting Desktop Applications on a Microsoft Windows XP Operating System |
| **MCP:** Windows XP | 70-270 | Installing, Configuring, and Administering Microsoft Windows XP Professional |

Google Qualifications

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**The Digital Garage**

Google

November 2016

<http://www.ournewshop.com/images/certificates/DigitalGarageCertification.pdf>