**Wren Mott**

[wren@cloudlasso.net](mailto:Wren@cloudlasso.net) +44(0) 779 278 1870

https://www.linkedin.com/in/wrenmott/

Global Cloud Architect, Cybersecurity Practioner, and DevOps Enthusiast – 20+ years experience

Manager and Leader of Teams of Subject Matter Experts – 8 + years of experience

Education

Harvard University, Programme of Cybersecurity Risk and Assessment, Professional Programme

University of Southern California (USC), Los Angeles, California, Bachelors Degree

Georgia Institute of Technology, Atlanta Georgia, Professional Certification

University of California at Sand Diego (UCSD),\* Research

As a **global cloud architect, business strategist,** and **migration specialist** with **‘DevOps’** deploymentskills, I have been entrusted by some of the largest companies in the world, trained by **top tier management consultancies**, and have served as the trusted advisor across a variety of sectors including **financial**, **retail**, **technology**, **government**, and big business as they embrace **digital** and **cloud transformation**. I have led and **managed teams** of highly skilled subject matter experts (**SMEs)** and complex **IT programmes of work** and I am also called upon to fill in gaps with my own expertise at both the whiteboard and the keyboard.

My approach and the development of my skillset is holistic and encompasses such disciplines as **Cybersecurity**, **DevOps**, the **Modern Workforce**, **Digital Office**, best patterns and practices as they relate to the **Modern Cloud**, and delivery methods aligned with **Agile**, **Kanban**, and **ITIL**. As a product of the legacy datacentre model I am proficient and can communicate with SMEs of networks, storage, security, and other disciplines to understand where there may be pitfalls in the transition to digital.

With continuing education in the areas of **Artificial Intelligence** and **Data Science** from respected institutions such as the University of California at San Diego and the Georgia Institute of Technology, I pride myself on remaining up to date, **hands-on**, and able to communicate complex ideas and subjects to all levels of business and organisation.

Sound bite highlights include:

* I am a longstanding member of the **Microsoft** **Azure Advisory Board** and active contributor (16th in the world 2015-2016) to beta Azure features and testing under private NDA (CloudLasso)
* **Author of official Microsoft Azure Certification Curriculum**: **Big Data Engineering with Azure Data Lake and Analytics**
* **GDPR** Practioner Accreditation (Fall 2017)
* Accreditation from **Georgia Institute of Technology** in **Python**
* Successful completion on Microsoft’s **DevOps** Dev212x
* Large scale global datacentre workload migrations to **IaaS, PaaS,** and/or **PaaS** on leading public cloud platforms
* Designing and implementing **disaster recovery**, **business continuity**, **and transformational programmes** of work across **America**, **Europe**, and **Asia**
* I have been working with both **O365** and **Azure** since their inception (9+ years) as well as traditional infrastructure for 20+
* **Dual national**: American + British

Work experience

**February 2018 –**

***Bank of England*** *–* ***Cloud and Digital Transformation Architect / Design Authority***

* Responsible for leading the 350 year old central bank of the United Kingdom to the cloud and Microsoft Azure.
* Key digital strategist and advisor to programme management office and the office of the CIO/CISO
* Identification, assessment, and mitigation of existing and potential risk factors affecting the bank’s strategic move to the cloud
* Led collaboration with key stakeholders across multiple disciplined domains including cybersecurity, corporate governance, development, IT operations, and others to navigate complex inter-departmental compromise with regards to responsible cloud adoption
* Design of Azure infrastructure and responsible for introducing O365 capabilities to the bank
* Enabled the introduction of DevOps with close collaboration with developers and their teams

**December 2017 – April 2018**

***Bank of New York*** *–* ***Cloud Architect and Container Transformation***

* Special counsel to Bank of New York on digital transformation, cloud architecture, and data centre consolidation and migration.
* Architecture and strategy assessment targeted at Docker, containerisation, and the viability and suitability of legacy application migration
* Key interactions with stakeholders across the bank including officers, programme managers, technical subject matter experts, and men and women in the field.
* Cybersecurity SME assisting internal security teams with the transition from 'edge' protection to 'endpoint' protection with policies, roles, and virtual appliance selection and design.

**October 2017 – December 2017**

***Rolls Royce*** *–* ***Cloud Architect and Cybersecurity Advisor***

* Azure Infrastructue Architect (IaaS)
* Azure Application Architect (PaaS)
* Workload migration expert
* Cybersecurity advisor

**August 2017 – September 2017**

***Microsoft***  *–* ***Contributing Author (via CloudLasso)***

Selected to author the following modules for Microsoft's 20776A certification course: Performing Big Data Engineering on Microsoft Cloud Services (title subject to change)  
  
IV. Managing Big Data in Azure Data Lake Store  
V. Processing Big Data using Data Lake Analytics  
VI. Implementing Custom Operations and Monitoring Performance in Azure Data Lake Analytics

**June 2017- August 2017**

***Transport for London*** *(TfL) –* ***Cloud Architect and Cybresecurity API advisor (via CloudLasso)***

Responsible for delivering infrastrucurtre as code patterns for mobile servcies applications and incorporating Visual Studio Teams Services into the delivery pipeline. Lead advisor on cybersecurity best practices and implementation.

**February 2017 – June 2017**

***Vohkus****/* ***U.K. – Chief Cloud Architect & CTO (Interim) (via CloudLasso)***

* Hired by Vohkus as their interim and strategic CTO as they launched their cloud division, Meggha.
* Worked closely with external business consultants, third party technology partners, and premium clients.
* I shaped their delivery model, offering portfolio, and identified and kept the board aprised of burgeoning technologies.
* In addition I remained the go to hands-on architect for premium client engagements responsible for designing and implementing best of breed cloud solutions based on Azure and supporting third party solutions

September 2016 – December 2016

***Vanquis Bank*** */* ***U.K. – Cloud Architect and Trusted Advisor (via CloudLasso)***

Vanquis Bank, created by the Provident Financial Group in 2002, is an emerging digital bank and loan financial institution located within the City of London.

Cloud architect, engineer, and DevOps lead.

* Member of the Microsoft Azure Advisory Board and active contributor to beta Azure features and testing under private NDA (CloudLasso)
* Member of the corporate cloud steering committee responsible for enabling a DevOps culture throughout the organization
* Worked with senior stakeholders to vet and augment current staff to prepare for cloud adoption
* Development of DevOps framework bringing people, processes and tools together to form a virtual cloud DevOps team (architects, engineers, developers, business analysts, and executive champions)
* Building PoC pipelines and integrating Infrastructure as Code (IaC) with PaaS based solutions
* Responsible for the setup and maintenance of GIT repository, versioning, and pipeline deployment gateways
* Responsible for the adherence to PCI-DSS Compliance and other banking regulatory statutes using configuration management tools (primarily Chef)
* The design, architecture, and deployment of the core infrastructure ‘stamp’ focusing on cloud security, logging, and analytics
* Creation and deployment of common software defined Azure constructs such as network security groups, load balancers, Azure policies, and role based access through PowerShell and JSON templates using the Azure API
* Pipeline definition and management with continuous integration, continuation deployment, and sprint lifecycles with VSTS and TeamCity (the organization was trying to standardize on VSTS but had some ‘rogue’ TeamCity evangelists)

August 2015 – September 2016

***Maersk*** */* ***U.K. – Enterprise Cloud (Azure) Architect (via CloudLasso)***

The Maersk Group is a worldwide conglomerate and operates in some 130 countries with a workforce of over 89,000 employees. In addition to owning one of the world’s largest shipping companies, Maersk is involved in a wide range of activities in the shipping, logistics, and the oil and gas industries.

• Member of the Microsoft Azure Advisory Board and active contributor to beta Azure features and testing under private NDA (CloudLasso)

• Worked with development teams across EMEA to deploy software design patterns based on Azure PaaS services using DevOps techniques including continuous integration (CI) and continuous deployment (CD) utilizing the Atlassian suite of tools (Jira, Confluence, etc)

• Azure Technical lead for ‘containerising’ global PaaS solutions designed to collect metrics from over 70 shipping ports world-wide and surfacing dashboards to tens of thousands of customers. Primary aim of containerization was to provide solution mobility across platforms.

• Responsible for gathering the people, processes, and tools to maintain Infrastructure as Code IaC) on the Azure Service Manager and Azure Resource Manager platforms with GitHub integration

• Close collaboration with Azure product team in Redmond helping to define feature sets around Azure’s Dev/Test labs

• Consultation around migration strategy from Azure Service Manager to Azure Resource Manager (Azure v1 vs Azure v2) and PoC testing

• Responsible for the technical integrity and scalability of Azure resources across three continents (Azure regional datacenter facilities) with an emphasis on Infrastructure as Code.

• Consultation and collaboration with both internal and third-party architects world-wide across a variety of cloud related disciplines and areas of the business

• Design, management and support of a global Azure presence with ExpressRoute connectivity in north America, Europe, East Asia, and India

• Cloud solutions resource dedicated to assisting the adoption and adaptation of traditional business processes inherited from the so-called terrestrial datacenter landscape.

• Workload migration and regional datacenter decommissioning worldwide

March 2015 – August 2015

***Medecines and Healthcare Regulatory Agency/ U.K. – Principal Azure Architect (via CloudLasso)***

Trend-setting programme of work for the MHRA, an agency within the UK Department of Health, whose mission is to transform two 'terrestrial'​ datacentres and their services into Azure IaaS/PaaS

dramatically reducing the MHRA’s terrestrial footprint, drive down costs associated with IT, and pave the way for future innovative solutions based upon a cloud first mantra.

• Member of the Microsoft Azure Advisory Board

• Aligned solutions according to CESG, G-Cloud, Cloud Principles, and the National Technical Authority for Information Assurance

• Azure Enterprise Agreement (EA) management, design hierarchy (EA Admin), and fiscal governance

• Lead technical architect for a hybrid Azure IaaS deployment that includes ExpressRoute, third party virtual appliances, the extension of on-prem Active Directory and integration with Azure Active directory for the enablement of single sign-on with O365

• Both Azure Service Manager and Azure Resource Manager manipulation and automation of various Azure services and constructs

January 2014 – March 2015

***Hitachi Capital – Cloud Talent/Avanade - . – Mobile Device Management Architect***

* Designed a hybrid Intune deployment with SCCM 2016 on-premises
* Consulted business units on policies for mobile device management (MDM)
* EM+S, EMS

January 2014 – March 2015

***Content and Code****/* ***U.K. – Systems Architect and Datacentre Lead***

***Content******and Code*** *are the UK's leading supplier of Microsoft business solutions, specializing in Microsoft SharePoint, Intranets, Office 365, and Azure.*

***Position: Lead Systems Architect***

* Azure Infrastructure Lead (Azure Active Directory, Intune, IaaS and other services)
* Completed Azure University at MSFT HQ in TVP
* Led SMEs throughout the build of hosted solutions for the BBC, Johnson Matthey, Williams Lea, Mott MacDonald and other global coroporate entities with focus on networking, storage, compute, and security
* Liason officer between the business and NIU Solutions, an IBM partner
* Specifically brought on board to lead their push into the hosting space
* Responsible for developing business continuity and disaster recovery plans for global clients within a mutli-tenancy, multi-datacentre infrastructure
* Network performance and optimisation for various clients wishing to move to O365 (Office 365)
* Increased profit margins by transitioning clients from VMWare to Hyper-V 2012 R2.
* Exchange 2013 hybrid migrations

November 2013 – December 2013

***New Look Retailers****/* ***U.K. – Messaging and Collaboration Enterprise Architect (via CloudLasso)***

*New Look is a leading fast fashion retailer, offering excitement and accessible fashion across the globe with over 1,000 stores, serving 120 countries online, and employing over 18,000 people.*

***Position: Solutions Architect/Collaboration Specialist***

* Corporate wide deployment of Lync 2013 enabling chat, presence, and voice and video calling
* Quick enablement of Hong Kong based office through Office 365 and Lync federation
* Managed requirements and commmunications between various teams to enable secure Lync external access covering all aspects of the network including ASA/Checkpoint firewalls, public certificates and SANs, load balancers (Barracuda), and detailed TCP/IP troubleshooting
* PIC federation for IM and presence information between New Look, external vendors (Accenture), and public XMPP compliant chat offerings like Skype and Google+

June 2012 – October 2013

***Jupiter Assest Management*** */* ***U.K. – Lead Microsoft and FinTech Architect (via CloudLasso)***

*Jupiter Asset Management is an award-winning* [*UK*](http://en.wikipedia.org/wiki/United_Kingdom) *fund management group, managing over 25 billion pounds in equity and bond investments for private and institutional investors.*

***Position: Solutions Architect/Microsoft Lead***

* Directed team members across technical disciplines to deliver projects on time and under budget
* Design and build of SQL 2012 AlwaysOn Availability Group Geo-Clusters
* Liaison between the business and Cisco on the delivery of a converged and virtualized data centre infrastructure (IaaS) based on Cisco’s Unified Computing System. Role included requirements development, participation in high level and low level design discussions, and application discovery and mapping
* Overhauled and consolidated the business’ SQL environment onto a multi-instance SQL 2012 AlwaysOn geo-cluster including PowerShell deployed SharePoint 2010 (33,000 sites) and CRM 2011. This role required tight integration and collaboration with the development team.
* Designed a proprietary branch office appliance around MS Server 2012, Direct Access, and Branch Cache technologies to support rapid global growth. Offices were expected to be thrown up overnight and decommissioned or relocated as requested.
* Deployed PowerShell enabled Azure based pilot office for hybrid infrastructure research and development.
* Technical lead for a transformational programme of work which was responsible for bringing all legacy systems up to current release and consolidating wherever possible
* Contributed to Exchange 2003 to 2010 transition with the following additional components
  + *Websense* External Gateway for security, archiving, compliance, and business continuity
  + *Good Technologies* for Mobile Device Management (MDM) for BYOD
  + *Ironport*
  + *Blackberry Enterprise Server* (BES) upgrade and deployment
  + *HP 5500* Messaging Appliances
  + Introduction of F5 3600 and stretched VLANs to accommodate global and automated failover

March 2012 – June 2012

***CSC/Royal Mail Group*** */* ***U.K. - CloudLasso***

*CSC is a global leader in providing technology-enabled business solutions and services*

***Position: Solutions Architect***

* Lead team member of a UK wide deployment of branch office appliances for the Royal Mail Group
* Member of a team responsible for delivering a self-service private cloud IaaS solution based on Hyper-V and SCCM 2012
* Transformational work bringing all MSFT based legacy systems to current 2008/2012 versions
* Deep hands-on technical troubleshooting for estate-wide upgrade to Windows 7

October 2011 – February 2012

***African Minerals*** */* ***U.K./ Sierra Leone Africa - Contract***

*African Minerals is involved in exploration, greenfield Rail & Port construction & operations and production of Iron Ore in Sierra Leone with over US$1.1bn of funding.*

***Position: Solutions Architect/Head of Workplace Technologies***

* Management, mentoring and guidance of junior staff across technical disciplines
* Led the restructuring and rebranding of the cross intercontinental IT department consisting of teams of 7 in the London HQ and 30+ in Sierra Leone
* Responsible for purchasing and deployment of technologies in a challenging and sometimes hostile environment across 4 mining camps in west Africa
* Migration and consolidation of legacy systems including Exchange, Forefront, Active Directory, and network services largely automated through PowerShell
* Designed and deployed Lync 2010 for instant messaging and AV communications
* VSphere management of virtualized systems
* Designed and implemented SCCM/Forefront for client end point security
* Second tier support for satellite communications and intercontinental connectivity

April 2011 – September 2011

***British SKY Broadcasting*** */* ***U.K. - CloudLasso***

*BSKYB is the largest extra-terrestrial provider of media content and consumer based IP services in the UK*

***Position: Solutions Architect***

* Directly responsible for reporting project progress to business stakeholders at all levels of management
* Designed and executed the integration of newly acquired businesses into the core SKY infrastructure including email, network services, and third party LOB applications
* Installed and configured Quest Migration Manager for Active Directory
* Installed and configured Quest Migration Manager for Exchange
* Migrated over 700 user accounts from an externally trusted forest into the primary forest at BSKYB
* Migrated over 700 mailboxes (2TB+) from an external Exchange 2007 to the corporate Exchange 2010 SP 1 system
* Led daily and weekly status meetings

July 2010 – February 2011

***Esteem Systems*** */* ***U.K.***

*Esteem is one of the leading MSFT gold partner consultancies and IT Managed Services providers in the UK*

***Position: Technical Architect and Microsoft Practice Lead***

* Led several high profile Exchange 2003 to Exchange 2010 migration projects, some of which utilized Quest migration tools
* Solutions architect responsible for delivering a virtualized private cloud (SCVMM/SCOM) for the National Maritime Museum and managing other consultants’ work streams
* Member of a team of architects responsible for designing and building a fail-over private cloud datacentre solution for one of the largest outsourcers in the country
* Responsible for setting, managing, and maintaining stakeholder/business unit leaders’ expectations
* Oversaw the development of a team of Microsoft consultants and liaised between Esteem and Microsoft to sustain their relationship through pre-sales and adherence to partnership requirements
* SQL 2008 design, implementation and backup (SCVMM)
* Worked with third party vendors to install additional hubs to LAN/WAN environments
* Deployment and design of various third party tools like Symantec/Sophos/Forefront antivirus, Netbackup, and monitoring solutions
* Extensive use of vendor hardware including IBM, both blade and traditional chassis, Dell, HP, EMC Celera, and NetApp

August 2008 – June 2010

***Microsoft / U.K.***

Microsoft Consulting Services

***Position: Infrastructure Architect (Senior Consultant II)***

* As the only delivery consultant in the UK for BPOS (Office 365) EMEA I was responsible for rolling out cloud solutions (Exchange, OCS, Live Meeting, and SharePoint) to multi-national companies spanning several countries and encompassing thousands of users utilizing enterprise class datacentres around the world
* Infrastructure lead for building a proof of concept for the Foreign Commonwealth Office which included technologies like SharePoint 2007, SQL 20008, Exchange 2010, IIS 7.0, and Windows server 2008 Active Directory
* Worked with Redmond to fine tune Microsoft hosting facilities across the globe to support cloud computing
* LAN/WAN optimization and troubleshooting across a private MPLS infrastructure
* SC Cleared for work within a ‘lights out’ datacentre working on multiple projects for the MOD
* Delivery consultant responsible for the entire lifecycle including, requirements gathering, high level design delivery, low level design delivery, and implementation
* Project management utilizing Microsoft Operations Framework (MOF) methodology
* Direct communication with stakeholders and ‘C’ level executives
* Managed third party vendor relations with the likes of Fujitsu, Toshiba, IBM, EMC, and others
* SharePoint lead on a project for Leeds City Council responsible for incorporating information architecture, technical architecture, and building a 12 node highly-available Hyper-V farm to host the solution
* Global deployments of Active Directory based on Windows server 2008 R2 including the design of Group Policy and networking services for 50,000+ globally dispersed users

February 2008 - June 2008

***Globanet Consulting / Los Angeles, California***

*Globanet is one of the earliest and most comprehensive email archiving practices operating one of the largest EV development teams in the world*

***Position: Senior Technical Engineer (Contract)***

* Migrated a cluster of 12 Exchange 2003 servers (20 thousand mailboxes) to 2007 for the largest private hospital in the country
* Deployment of Enterprise Vault (EV) for the largest private hospital in the country
* Oversaw the migration of terabytes of user data from localized storage to an EMC Centerra SAN
* Implemented patch management utilizing Microsoft Software Update Services (SUS)
* 17a-4 Compliance and E-Discovery including WORM/Centerra integration and migration

February 2005 – June 2008

***Prosum Technology / Los Angeles, California***

*Prosum Consulting is a full service IT consulting firm focused on the Selection, Implementation, and Support of information systems, by aligning technology with corporate strategic goals and business drivers*

***Position: IT Manager/Senior Consultant***

* Ensured email continuity, archiving, and legal discovery utilizing Postini off premise solutions
* Sharepoint web farm design and implementation for California State University supporting 30,000 students
* Author of *Sharepoint Quickstart* a program aimed at introducing small to medium sized businesses to Sharepoint for a fix contract bid
* VMWare administration and virtual server builds
* Responsible for decommissioning a global Exchange 2003 infrastructure consisting of 32 sites around the world for a major oil firm
* Windowss DRM for Sharepoint 2007
* Migrated the decommisioned Exchange infrastructure to the new global parent company
* Design and documentation of disaster recovery and backup solutions
* Responsible for all internal IT staff and delivery corporate services including file and print, email, and remote access technologies

January 2004 - February 2005[[1]](#footnote-1)

***Wolters Kluwer (CCH) / Los Angeles, California***

*The leading provider of information services, software and workflow tools for tax, accounting, legal and business professionals.*

***Position: Senior Systems Engineer***

* Lead support personnel multiple revenue generating multi-tiered .NET web applications spread across 900 servers and three Active Directory forests
* Responsible for designing a secure system for the transportation of financial data to the IRS
* Responsible for change management and adhering to TOGAF/ITIL principles
* Authored *Web Farmer* a vbscript application that checked and moniotored the health of the web farms

November 2001 – April 2003

***Goldpocket Interactive / Los Angeles, California***

*Goldpocket Interactive was a start-up interactive television company later sold for £80,000,000*

***Position: Network Engineer***

* Designed server architecture for globally load balanced interasctive television system
* Management of networking components including routers and F5/Server Iron load balancers
* Responsible for maintaining WAN environment encompassing three data centres located across the country
* Responsible for the day to day operation eighty web sites, three data centers, and thousands of users
* Monitoring of system environment using ADSI, WMI, and Vbscript

April 2001 – November 2001

***Imperial Capital, LLC. / Beverly Hills, California*** *Imperial Capital is a small boutique bond trading firm catering to high net worth individuals around the world*

***Position: Senior Systems Analyst***

* Directly managed a variety of different vendors including hardware vendors, telephony contractors, Network VARs, ISPs, and co-location services
* Trained and directed junior analysts in both the Beverly Hills and New York offices
* Implemented secure wireless access across multiple offices
* Successfully desgined and engineered a shared AD across geographic locations supported by a pricvate MPLS network
* Responsible for 24X7 operation of trading specific applications like Bloomberg and all back end mission critical services

Education

Georgia Institute of Technology, Atlanta Georgia \*

University of California at Sand Diego (UCSD)\*

University of Southern California (USC), Los Angeles, California\*\*

\*continuing education and professional programmes

\*\*Bachelor’s Degree

1. Lapse in time due to family and travel [↑](#footnote-ref-1)