**Victor Abhumhen**

17 Saxon Close, Walthamstow, London E17 8LE

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| Telephone: | 07943 229537or 020 3091 3660 |
| Email:  LinkedIn: | [johnisi66@hotmail.com](mailto:johnisi66@hotmail.com)  Enter Link to Public Profile |

Professional Profile

An experienced **Senior Infrastructure Engineer** with a proven track record spanning over 13+ years of designing, building and delivering robust infrastructure solutions utilising latest technologies, which optimise performance and realise process efficiencies. Possesses multi-faceted skillset spanning project workstream management, system deployment, process engineering and stakeholder relationship management, and plays a lead role in major cloud transformation programmes for leading organisations within the public & private sectors. Strong background in designing reliable, secure and scalable cloud(Azure) infrastructure solutions Demonstrates in-depth technical capabilities and combines with Microsoft Certifications, Azure Administrator, Azure DevOps, PRINCE2, VCP, ITILv3 and Windows Enterprise Administrator to drive new solutions using virtual & physical technologies such as Office 365 Cloud, vSphere, VMWare and MS Exchange to enhance technological landscapes.

Key Skills & Core Competencies

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| * Infrastructure Design & Delivery * Project Workstream Management * Architecting New Infrastructure Solutions * WindowsServer,2003/2008/2012/2016(Hyper-V2012R2)& VMWare(ESX I 5.1,5.5& 6) * Azure DevOps * Azure/Office 365 Implementations * Powershell * PRINCE2 Foundation * Solution Development & Delivery | * Operational & Technical Oversight * Providing 3rd & 4th Line Support Services * Risk Management & Disaster Recovery * Citrix Server Farms design(x86) * Datacentre Migration and consolidation * Upgrades, Moves & Backups * Developing Proof of Concepts * ITILv3 Service Management * Incident, Change & Problem Management |

Notable Highlights & Accomplishments

* Played a lead role in driving forward a Windows 2003 Migration Programme for Lloyds Bank and engaged with stakeholders, developers, SMEs and ADM-CIO to remediate applications on 21k servers within an ever-changing programme environment.
* Drove the smooth migration of all existing Citrix infrastructure at Barclays Bank into the strategic domain that involved application discovery, remediation path for COTS/in-house and the liaising with suppliers and product owners to create the high level ‘As-is’ architecture.
* Handled the seamless consolidation of multi-forest domains at North East NHS Trust, which involved the use of ADMT to import all users, groups and accounts from the source domain to destination, and the combining of the file servers using DFS & merging of the Exchange 2007 & 2010 messaging systems.
* Played a lead role in an SCOM Project at Lewisham Council on behalf of Capita Secure Solution that provided an overall monitoring solution for the server, network, virtual and storage environments. This project also involved the addition of various management packs to provide proactive reporting.
* Consolidating 14 global datacentres into 4 datacentres, and migration all the application to the cloud dealing with myriad of applications with interconnected dependencies.
* Building Rolls Royce cloud environment – Automation, security, Governance and DevOps.

Career Summary

**April 2018 – Date: Platform Cloud engineer: Rolls Royce**

* Engineering and architecting the cloud platform for scalability, resiliency and security
* Automating the cloud processes using azure PowerShell and ARM template
* Designing, re-organizing and standardizing over 56 subscriptions across multiple tenants.
* Implementing azure load balancer and Application Gateway
* Implementing devops using agile methodologies.
* Design and implemented tactical and strategic measures for cost saving in azure
* Producing LLD/HLD for applications and workloads migration
* Managing VSTS/Jenkins projects for the CI/CD pipeline for both the IAAS and PAAS
* Implementing infrastructure as a code
* Setting up Git/Github repos for code repository
* Performing the cloud governance in conjunction with other technical team and stakeholders
* Provisioning of VMs in the various Vnet using ARM template
* Designing subscriptions using management groups

**Technologies**: VSTS, Jenkins, Azure migrate, Ansible, Docker, Kubernetes Git hub &puppet

**January – Feb 2018: Deployment Engineer: Riverisland**

* Migrating POS from legacy environment to the new environment
* Planning the project with vendor and stake holders
* Planning and executing the work loads
* Backup the systems before migrating the data
* Performing root cause analysis of any issue within the network

**October – Dec 2017: IAM Consultant: Yorkshire Building Society Group(YBSG)**

* Engaging with the business to carry out the Identification & Verification and Authentication Programme within the new regulation PSD2 there is a new area called strong customer authentication for European open Banking.
* Liaising with the various stake holders like Enterprise architect, security, compliance, Fraud team and IAM vendors.
* Doing GAP analysis and sprint planning exercises for the implementation of Multi-Factor Authentication & Single sign-on(SSO) based on OAuth 2 & OpenID standard.
* Analysing the various form of strong customer authentication (Push authentication, Biometrics, Behavioural Biometrics)
* Researching for IAM vendors in the market whose roadmap in compliance with PSD2 secure customer authentication for European open banking standard
* Analysing the present IAM environment and mapping it to European opening banking requirements (Regulatory technical standard)
* Producing the LLD&HLD of the ‘As is’ and ‘To be’ environment and the associated documentation
* Helping to identify, define and develop Target Operating Model change requirements and will support
* the implementation of a major transformation programme focusing on both organizational and digital change, that would smooth the customer journey
* Engaged with the various stake holders to produce the Current Mode of Operation (CMO) and Future Mode of Operation (FMO).

**Technologies**: API, OAuth2, OpenID, Regulatory technical specification(RTS), SAML 2.0, WS-Federation, JSON Web token(JWT), FIPS 140-2, PSD2 SCA(Secure customer authentication),MFA,SSO & OOBA

**February – September 2017: Azure infrastructure Cloud Engineer LadbrokesCoral**

* Provide Infrastructure and Windows Application Platform Management including design, build, configuration
* Proven ability to investigate complex issues spanning multiple technologies and drive to completion
* Drive design reviews across all Azure related technical areas by working with the solution architecture leads assigned to each of the functional portfolios and regions
* Analyse business application requirements and high level design and solution proposals/presentations, including draft scope of works and estimates of deployment effort
* Managing and configuring EMC Storage (VNX, VMAX,XTREME IO & Unity) for the on-premise applications and services
* Duties include identity management tooling, Active Directory Certificate Services, ensure a consistent, stable, and robust identity and authentication environment, developing AD Group Policies, and other documentation required to support the Azure Active Directory environment and making recommendations on implementation and test strategies
* Implementing AD on-premises integration with the Azure AD for the implementation of office 365
* Migration of Mailboxes to Office 365 and troubleshooting mailbox migration issues
* Deployed Azure IaaS virtual machines (VMs) and Cloud services (PaaS role instances) using template, into secure VNets and subnets
* Reviewed workloads, system dependencies, business requirements and security requirements to optimize the Azure subscriptions, VNet design,VPN, NSGs, routing, deployment model and resource groups. Designed choice architectures for IaaS VMs, PaaS role instances and SaaS applications appropriate for the workloads (operating systems, applications, databases), transaction volumes, performance goals and security concerns
* Automating the provisioning, monitoring and maintenance of Azure infrastructure and applications for IaaS and PaaS using PowerShell and DSC(infrastructure-as-a-code)
* Design and Implement Data Backup, Restore & Disaster Recovery Strategy Experience of Azure application logging and monitoring, configured operational insights and application insights
* Making sure every system meets the necessary security requirements (encryption, data at rest and in transit encryption) OS hardening and installing endpoint protection, before joining to network
* Implementing ADFS for the support of single sign-on
* Deploying windows security patches in the aftermath of the wannacry virus attack
* **Technologies**: Azure Active Directory(AAD), Active Directory(AD), ADFS, O365, Visual Studio 2013, Team foundation Server 2013 (ALM), Git (TFS), SQL Server 2012/2014, Azure Websites, Azure Cloud Services, Azure Virtual Machines (IaaS), Azure Virtual Networks, Azure SQL Databases (PaaS), Azure Storage, Azure Automation, Azure Service Bus, Azure CDN, Azure Redis Cache, Azure Site Recovery, JSON, Power Shell, Power Shell DSC, Azure deployment template, PKI and API.

**June 2016 – January 2017: Technical Lead azure cloud application migration engineer (Contract), Reckitt Benckiser Via Infosys.**

* Planning and execution of the consolidation of 14 global datacentres into 4 datacentres with DR in Amsterdam, migrating most workload to the cloud.
* A solid understanding of Active Directory Administration including group policy management, Active Directory recovery and backup strategy. Managing trusts and sites for a globally distributed infrastructure.
* Work effectively in a globally distributed team, managing multiple priorities while collaborating with cross-functional teams
* Determine the roadmap for transition from current state to future state, factoring in dependencies and needs within and across the functional/process areas
* Providing consultancy service for the Office 365 design and migration
* Working with multiple technical teams, architects, security officers, managers and business users, reviewed and documented workloads, system dependencies and business requirements. Mapped workloads to the capabilities of Microsoft Azure for public, private and hybrid clouds.
* Implement Azure Information Protection
* Documents verification from the application and servers list from SME and other stake holders
* Liaising with third party vendors/SMEs to find a fix for COTS/In-house application compatibility test, backup solution and application storage requirements.
* Producing a HLD/LLD of the existing ‘AS IS’ and agreeing ‘Cloud Hybrid’ technical design with chief architect.
* Using tools like Azure site recovery, Double-take and Import/Export to perform workload migration to the cloud and lift & shift
* Implementing Azure Site Recovery/Back-Up for both for the migrating on-premises workload and for DR
* Working with global End-of-life team to remediate applications on Windows 2003 platform and SQL server 2005 databases
* Designed Active Directory integration with on-premises and cloud-hosted Azure services, including identity synchronisation Azure AD, and authentication (Single Sign On) services across their EU operations.
* Designed Network Security Groups (NSGs) and Web Application gateway to control inbound and outbound access to network interfaces (NICs), VMs and subnets
* Designed User Defined Routes with custom route tables for specific cases to force tunnelling to the Internet via on-premise network and control use of virtual appliances in the customer’s Azure
* Migrating servers from on premise to cloud (AWS and AZURE Cloud), and the existing cloud service between two datacentre
* Provide the hands-on experiences in configuring Cloud platform (Azure, SQL Azure, Azure Storage, Azure VM).
* Provided high availability for IaaS VMs and PaaS role instances for access from other services in the VNet with Azure Internal Load Balancer
* Planning and Implementing the Azure AD B2B and B2C
* Planning the remediation of all the existing applications and Databases EOL on Windows 2003/2000 platform before migration to Windows 2012.
* **Technologies**: Azure Active Directory(AAD), Active Directory(AD), ADFS, MIM, O365, Visual Studio 2013, SQL Server 2012/2014, Azure Websites&Mobile, Azure Cloud Services, Azure Virtual Machines (IaaS), Azure Virtual Networks, Azure SQL Databases (PaaS), Azure Storage, Azure Automation, Azure Service Bus, Azure CDN, Azure Redis Cache, Azure Site Recovery, JSON, Power Shell, Power Shell DSC, Azure Backup & Microsoft MAP tool

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| **Aug 2015 to Apr 2016:** | **Technical Consultant (Contract), Dell-Lloyds Bank** |

* Operated on a Windows 2003 Migration Programme and acted as a project workstream lead to develop the proof of concept for migrating 21,000 servers from Windows 2003 to Windows 2012 R2.
* Played a key role in engaging with key stakeholders and attended project board meetings to discuss the core issues, outline solutions and report progress against plans.
* Using Microsoft tools (MAP) for discovery and for planning cloud application migration
* Creating Cloud POC environment and migrate development environment
* Worked with application Subject Matter Experts, Architects and suppliers to establish remediation strategy for relevant systems. Safeguarded security, banking regulations and architectural principles.
* Produced high level design and documentation. Collaborated with in-house Technical Architects, Security Analysts and Project Managers to drive forward POC.
* Evaluated supplier applications and connected with development & technical teams based locally & globally to define ‘bigger’ picture and ensure seamless migration.
* Handle the build of a test environment for the application migration to the cloud and operated within a multi-supplier environment to finalise Proof of Concept against critical timescales.
* Using Microsoft MAP tools to discover and plan migration
* Integration on premise AD with Windows Azure Active Directory and implementing ADFS for SSO

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| **Sep 2014 to Jun 2015:** | **Datacentre Migration Engineer (Contract), Barclays Bank/Cognizant** |

* Took ownership for the design, plan and upgrade of the Windows Server 2003(x86) to 2008R2/2012 as part of a datacentre migration project, acted as one of the workstream leads within a globally dispersed team to consolidate multiple Active directory forest. (Collapsing from 25 to 10 domains)
* Acted as part of the technical consultancy team that handled the migration between the Microsoft Azure and datacentre. Outlined plans for Citrix Farm optimisation and support for existing Xenapp 6.5 farm.
* Produce a high level design – ‘as is’ of the Citrix farm, and then collaborate with the stake holders to produce the ‘to be’ design
* Offered administration services for the multi-site/domain Active Directory environments and developed test backups & recovery procedures for Citrix Farms based on best practice.
* Played a key role in supporting senior stakeholders with the development of a decommissioning strategy and devised a plan to migrate file servers, DHCP and DNS services from one domain.
* Provided 3rd line support services for Exchange Server 2007/2010 platforms and performed on-going evaluation of Citrix infrastructure to implement changes which optimised performance.
* Delivered valuable support, capacity management, maintenance and availability management on the new core infrastructure to safeguard business continuity.

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| **Feb 2014 to Aug 2014:** | **Server Analyst (Contract), North East NHS Trust** |

* Provided valuable 3rd line support services on refactoring of security groups and permission across the multiples domains, and VMWare environments, and acted as a key project team member during a Windows XP to Windows 7 migration.
* Review the high level design - ‘as is’ of the Multiple forest domains, and carrying out lifting and shifting.
* Planned and consolidated Active Directory across multiple forests and migrated messaging systems.
* Acted a MS Exchange Administrator and managed Exchange 2010 DAG mailboxes, shared mailbox and delegated permissions.
* Deployed Windows security patches on system, applications and OS hardening. Created VMWare ESXi 5.1 datastore on HP 3PAR SAN and managed Xendesktop environment using provisioning server to stream vDisk.
* Approved infrastructure changes as a member of Change Approval Board and planned/implemented Enterprise Vault archiving solution.
* Tracked & monitored infrastructure using Solarwind and performed backup of virtual environments via Veeam and Backup Exec applications.
* Consolidated the files servers using DFS

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| **Jun 2012 to Jan 2014:** | **Server Engineer, Capita Secure Solution** |

* Provided expert infrastructure maintenance and support services to major Blue Chip and Public sector IT environments including implementation of new technologies and backup strategy for Disaster Recovery.
* Met with global lines of business to gather and develop strategic technology requirements to facilitate the development of technology roadmaps.
* Design the Windows patching environment, system vulnerability scanning and OS hardening
* Utilised SCOM to manage availability, performance and deployment of management packs.
* Handled backup and archiving solutions using Symantec Enterprise Vault and Tivoli Storage Manager.
* Managed the virtual server environments by deploying Microsoft Hyper-V and maintained VMWare clusters with SCVMM 2008 R2. Completed capacity planning and ESXi 5.1 on DRS/HA vCentre cluster.
* Played a key role in driving group policy as part of the Active Directory 2008 Upgrade Project and provided 3rd line support for messaging (Exchange 2007/2010) environment on hyper V CCR Cluster.

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| **Jun 2009 to May 2012:** | **System Analyst. ST Mungos Housing Association** |

* Manage and supported existing multi-site infrastructure and acted as a core technical resource for the planning & implementation of a XenServers Virtualisation Project, and maintained Citrix farm.
* Handled the build & deployment of Windows 2008/Windows 2008R2, Microsoft Hyper-V & associated virtual machines, patched servers using WSUS 3.0 and set up Microsoft SQL 2008 Active-Active cluster.
* Drove the deployment of Windows 7 & 8 using MS SCCM and WDS.
* Acted as a valuable technical team resource on an Active Directory 2008 Upgrade Project and Microsoft Exchange Server upgrade from 2003 to 2007.
* Built and tested multiple solutions relating to storage for a VDI implementation project, and designed, implemented & supported Network Monitoring Solution using Solarwind.
* Plan the decommissioning strategy for the legacy domain controllers in other remote sites

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| **Sep 2007 to Jun 2009:** | **Wintel Engineer/Exchange Specialist(Contract), The Investment Consortium** |

* Joined the organisation on a contract basis, acted as a technical specialist on a key initiative to migrate Exchange Server 5.5 to Exchange Server 2003, (x86) system, involving 3000 mailboxes.
* Outlined the procedures and processes as per ITILv3 standards and managed the installation of Citrix Farm. Led the backup and restoration of user mailboxes in previous Exchange version 2003.
* Managed the deployment and testing of Hyper-V and VMWare to support the company’s decision on which platform best suited their needs.
* Utilised Microsoft Data Protection Manager for backup & recovery processes and Mimecast for archiving.
* Performed patch & MS security updates via WSUS and implemented ESX server in both the ‘test’ and ‘Live’ environments. Tracked performance and capacity across all ESX sites.

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| **Apr 2007 to Sep 2007:** | **Incident Management/Application Support Engineer (Contract), British Heart**  **Foundation** |

* Provided daily ‘business as usual support’ and changes for entire IT infrastructure involving backups, Citrix Presentation Server installations on Windows 2000 & 2003 server and Microsoft Exchange Server.

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| **Jul 2006 to Apr 2007:** | **Exchange/Enterprise Vault Specialist (Contract), Symantec (Veritas)** |

* Operated within the Symantec Support Team and provided global support for the design and implementation of Enterprise Vault(Archiving solution) for Exchange Server including set-up of File Server, SharePoint and archiving.
* Installed IIS Server to support Enterprise Vault virtual directory and website. Supported Exchange Server, SQL Server and Enterprise Vault Server in a clustered environment.
* Handled permissions using AD Group Policy and troubleshoot applications via analysis of logs. Provided a backup strategy for customers on Enterprise Vault, SQL & Exchange servers.
* Delivered vital support services on a 2nd & 3rd line basis to key clients including Bank of Scotland, Shell, Airbus, HSBC, British Insurance, Bank of America, Bank of Abu Dhabi and local councils.

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| **03/2006 to 07/2006:**  **09/2005 to 02/2006:**  **07/2005 to 09/2005:**  **05/2005 to 07/2005:**  **02/2003 to 05/2005:** | **Windows/Citrix Support Analyst, Margolis/MNET**  **Server Support/XP Deployment Engineer, IBM/Nokia**  **Wintel Engineer, BNP Paribas**  **Server/Desktop Support Engineer, ITNET/SERCO**  **Desktop/Server Support Engineer, St Georges Hospital NHS Trust** |

Education, Training & Certifications

* **Architecting Microsoft Azure Solutions** -Azure(MCP)
* **Data protection, Data security**, Fraud & Ethnic and Diversity, CAPITA Online Training
* **Install, Configure and Manage VMWare Vsphere 5.**1, QA training School
* **Planning and deploying windows 7**, QA training school
* **BlackBerry Enterprise Server Monitoring & Troubleshooting**, VODAFone Training Centre
* **Implementing system center data protection manager 2007**, QA training school
* **Project management – PRINCE2**, QA-IQ training school
* **Implementing and managing exchange server 2003**, QA-IQ training school
* **ITIL**, LVMT business school London
* **European computer driving licence**, Best computer training centre London
* **Oracle database administration course**, Pro and pro computer training London
* **City&Guild (candg) visual basic programming**, Newham College of further studies
* **City&Guild (candg) internet and webpage design**, Newham College of further studies
* **BSC/HONS Agricultural economics**, University of Calabar
* **MCP** Architecting Microsoft Azure Solutions (70-534)
* Microsoft Qualified (**MCITP**: Windows 2008 &2008R2), Windows 2012, **MCTS**, **MCSA**, **MCP** Exchange 2003/**MCTS** Exchange 2010 & **MCDBA** 2000/05)
* Citrix Qualified (**CCA**)
* ITILv3 Qualified /Service Management
* **Prince2**
* ESXi 5.1 vCenter Server 5.1 (**VCP**)
* **Windows 7 Enterprise Desktop Administrator Certified**

Technical Skills

* SAN(EMC): Thin provisioning, capacity management, Replication monitor, and Hardware and firmware upgrade
* Deploying ESXi HA Cluster, DRS, and Configuring Load balancing policies
* Enterprise Level Windows Design and implementation: Windows 2012, 2008, 2003, 2000 Windows 7/8 across multiple sites (Including Group Policy)
* Extensive technical experience in various deployment methods like MDT, SCCM, WDS and Group policy
* Implement, migrate and Support Microsoft Exchange 2000/03/07/10/13
* Azure/Migration to office 365 cloud, Azure Storage, Azure SQL (LaaS, PaaS & SaaS)/ Microsoft Private Cloud
* PowerShell scripting
* Implementation of Microsoft clustering and Network Load Balancing (NLB) Technologies
* Using System Centre Operation Manager(SCOM) to manage availability and performance
* Exposure knowledge of Mobile Platform (Android, iOS, Windows Mobile).
* Supporting secure and scalable cloud environments to satisfy both operational and product needs in accordance with corporate guidelines.
* Virtualization (VMware(ESX/ESXi Cluster), Hyper-V 2008R2 & 2012R2, SCVMM, XenServer 6.0 and XenApp 6/7.x), XenDesktop 7.x, 5.6 Presentation Server 4.5, Citrix Access Gateway Provisioning Server 6.1, Citrix Storefront, Citrix Receiver, License Server
* vSphere Clustering technologies, MSCS (Windows 2008 R2)
* Experience in Server performance management and capacity planning
* Backup Technologies; Evault, Microsoft Data Protection Manager (DPM), Veeam, Symantec Backup EXEC and Tivoli, Web Filtering Solution Web root, Archiving Solutions like Enterprise Vault
* Risk Management, Disaster Recovery design and planning
* Enterprise level Software distribution of applications, patches and updates using various technologies (SMS, WSUS and SCCM)
* Exchange design (Exchange 2000/2003/2007/2010/2013) and Implementation/Black berry Enterprise 4.5
* Citrix farm design and implementation using: Web interface/storefront/Citrix Director CSG/CAG (Presentation Server 4.5)
* TCP/IP Version 4 &6, LDAP, DNS, FTP, SNMP and DHCP
* SQL Server (2005/2008/2012/2014)
* Documentation - Technical Documentation, High & Low Level Design Strategy (HLD & LLD), Creation of Business Policies / Procedures from stipulated Business Directives / Objectives, Writing PIDs (Project Initiation Document)
* Cloud Security initiatives: SSL/VPN, DLP, SSO, ADFS, MFA, Okta, Claim based authentication & IAM

References are available on request