|  |  |
| --- | --- |
| **Roles**   * Snr Solution Architect * Infrastructure TA * VMware TDA/TA * Snr System Architect/SME * Snr Virtualisation and cloud   Consultant /TDA   * Snr Technical Consultant * Snr Technical Principal Engr * Snr IT Design and Imp. Engr * Senior IT Consultant/Arch * Senior System Engineer * Senior infrastructure Engineer * IT Consultant   **Technical Skills**   * JSP604 &440, NCSC, C2M2, CCA,   CSP, CPNI, CIS CSC, DID, ISO27K   * Architectural Design- TOGAF,   MODAF, SIAM, ITIL, Prince2,  CMMI, Waterfall   * Transformation, Migration * Change management   (RFC/RFI/ RFP, RFQ)   * Disaster Recovery/ Business   Continuity Plan (DR/BCP)   * SIEM * Testing (UAT, Smoke, System, Functional, Regression, whitebox/blackbox/Greybox,   **Sectors**   * Aerospace, Space * Central Government, Defence * Consortium, Consultancy, Public * Satellite Communication * Financial Services * Investment banking * Transport   **Clients**   * House of Parliament (HOP) * Home Office (HO) * HP * Kelway/Vodafone/Unify * CGI Logica * Capita * BAe System/ Detica * Eads Astrium/ ESA/EU * Atlas Consortium * ATOS Origin: JPMC/Defra * IBM * Foreign and common wealth * Ministry of Defence/Fujitsu * Thales Information System * Ultra-electronics   **Programme / Projects**   * Cyber Security * Cyclamen/ Border Force * IIB * RR-ITO * MOD RPP * Global Combat System (GCS) * Galileo * YahSat * DII/Home/Future * Scope * Genesis * Vertices, Firecrest, Sirius 2MS | **AJ ADESANYA [CITP, CIST, INCOSE, VCP4/5]**  **Email: Ajamy2@hotmail.com**  **Phone: 07950379993**  **Nationality: British. Status: SC**  **Overview**  14+ years of IT experience including 12+ years of broad-based management in Business, Systems Requirement, Architectural Design, Development, Cybersecurity, Implementation and Support. Strategically and cost effectively utilize technology in alignment with corporate goals. skilled professional with specialism’s in all of the key disciplines required to deliver world-class Information Technology Outsourcing (ITO) and Business Process Outsourcing (BPO) services and technology solutions  An excellent communicator with extensive non/technical skills and experience, comfortable dealing with C-Level and Clients. Dealing with problem solving, root cause analysis and trend analysis within different Tiers.  Specialising in Technical and non-Technical skills: Cyber Security, Cloud(Azure/AWS/GCP/Rackspace,), infrastructure and hosting and Other technologies with extensive experience in the following:   * **Testing** : IV &V, Digwebinterface, GETip, NetMechanic, PCI Trustwave, B/TDD * **Citrix**: Xen (Center/Client, Desktop), Netscaler (VPX,XPX,MPX,SDX), Receiver * **Microsoft Server**: Microsoft Azure, Microsoft 2016/12/8/3 Server, Hyper-V 2016/2012./ 2008 (SCVMM) System Center Virtual Machine Manager. * **Migration Tools**: Quest Migration Manager, ADMT, FIM/MIM. * **Microsoft Client**: Win (10,9,8.1,8, 7, 2000), Microsoft office (0365, 2016/13/10/07/03/00) * **Virtualisation:**  VDI Horizon View, Software Defined Data Center (SDDC,), Software Defined Storage (SDS), Data Center Virtualization Solutions, Networking and Security (vShield Manager), VMware VMware 6.7/6.5/6/5.5/5.1/5.0/4.1/4.0, VMware Configuration/ vRealize Operation Manager (VC/ROPs), VMware, VMware Site Recovery Manager (SRM)5/5.1 and vSphere Replication * **Cloud Service Providers:** AWS, Microsoft Azure, Google Cloud Platform (GCP),RackSpace; * **Service Model**: SaaS, PaaS, IaaS, DRaaS, WaaS. * **Cloud Tools**: Cloudcraft, MultCloud * **Cloud Security:** IDAM, DLP, Web/Email/Network Security, SIEM, Security Assess, Encryption * **Hybrid Cloud Security:** Ms. Cloud App Security, Cloudlock, Vaultive, skyhigh, ZScaler * **File Transfer-** EFT, GOAnywhere * **Database**: SQL Server 2000/5/8/12/14, MSDE, MySQL, Oracle 10/11g * **Security:** Infoblox- DDI, Active Directory Security Assessment (ADSA), Nessus, Nexpose, Cyberark, Securewave Sanctuary Application and device control, HP Protect Tools, App/Bit locker, * **Directory Services**: Active Directory (DS, LDS, RMS, FS, CS) and Quest Active Role service (QARS), TCP/IP, DNS, DCHP, DFS-R/FRS, FSRM, IPSEC, GPO, IIS, NFS, NLB, Terminal Services. * **Backup Technologies**: Veeam Availability 9.5 (Clod data Management), vStorage API for Data Protection (VADP), VMware Data Recovery (vDR), NetBackup 7.0, and Cloud Protection Manager (CPM)Acronis, HP Data Protector 7, Data Protection Manager 2010/12 (DPM), BackupAssist5, * **Antivirus**: Crowdstike, McAfee 3.61/4.50/4.6/5.3, McAfee Move, HIPs, Sophos Enterprise, Opswat. * **Storage**: HP StorageWork MSA2000/12, HP4000 Series, HP Store Virtual VSA, Dell EqualLogic PS Series, FAS (2050, 2020, 3140/60), EMC VNXe3100, 3000, , Security: LUN Masking and Zoning (Soft &Hard), NAS & DAS, JBOD, StarWind iSCSI SAN & NAS. * **Configuration & Document Management**: Confluence, Jira, TeamForge, TortoiseSVN, Team Point, Clear case, Star Team, SharePoint, Meridio, Doors, Winchill, System Architect * **Architectural Methodology and framework:** NSOIT, C4ISTAR, JSPs, POPIT, SABSA, SIAM, TOGAF, MoSCoW, RACI, Data Protection (DPA & GDPR), Agile (Scrum & Kanban), Waterfall model, Zachman, PCI DSS, PRINCE2, CMMI, CASB, verification cross reference matrix, RTM. * **Security Methodology and framework:** JSP(604, 440, 503),NCSC, CCA, Cyber Kill Chain, CPNI, C2M2, CIS CSC, Defence in depth, OWASP, ISO27000,CSP,PICERL (SOC); **SIEM**: Splunk, ObserveIT, Guardduty * **Collaboration Tool:** Slack, Trello, Stormboard * **Training and session :** hands-on, presentation (Show & Tell), Workshops   Competent Senior Infrastructure and Technical Solution Architect producing strategical and tactical, business as usual (BAU), BCP/DR. Chartered Information Technology Professional (CITP), a member of the Institute of Engineering and Technology (IET), member of INCOSE, VMware Certified Professional (VCP) and Cisco Certified Network Associate (CCNA). Masters in IT Security (M.Sc.)  **Key Skills**   * Programme and Project Management- PRINCE2, AGILE (Scrum and KANBAN) * Non/Functional, Security Requirements & Re-usability Management and System Engineering. * Stakeholder, Vendor and Supplier Management. * Tactic & Strategic planning, Roadmap, Blueprint, implementation and Services. * Digital Services – Government and Parliamentary. * Green\Brownfield, Evergreen Project; Transformation, Migration, Consolidation and Data Centre. * Cloud: Private & Public. Cloud Capability -AWS, Azure, GCP, G-Suite & RackSpace. * ITT, B/RoM & Request Management- RFC, RFP, RFQ, RFI. * Dev, UAT, OAT, System integration, PoC, MVP, Pilot, Pre-Production and Production. * SCM Tools: GITHUB, GITLAB and CI Tools: Jenkins * Cost Containment, Bid Support and Exit Strategy. * Cyber/Security/Risk/SIEM/Threat and Vulnerability Management   . |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Role**   * Senior Cloud Solution Architect (CSA)   **Business Solutions**   * Cloud, Hosting, Governance, Assurance, Cyber\Cloud Security   **Sector**   * Consultancy, Security   **Technology Summary**   * AWS\Azure\GCP\Cloud Bursting * Security framework: NCSC, 14 CSP, CIS CSC, Cyber kill Chain, CSA CCM, NIST CSF, STRIDE, ISO27K, GDPR * Architectural Methodologies: GDS, AGILE (Scrum\Kanban), XP Practice, Zachman, TOGAF, GAP Analysis, RACI,Black Cloud(SDP), PICERL(SOC) * Cloud: AWS, Azure, GCP, RackSpace * Information Assurance (IA) HMG IS1/2/5, GPG12/13, CSA CCM * Threat Tools: Splunk, Opswat, Observeit, Guardduty, Nessus * Confluence, Jira, * VMware 6.7, SRM &Veeam 9.5. * Win Server2K8/12/16/19, O365 * Directory Services: WAD, AAD, IAM * Collab: Stormboard, Slack & Trello * Transform/Migrate/Consolidate/DR * Transfer: Nifi, GoAnywhere, MoveIT * SCM: GitHub/Lab; CI: Jenkins * Testing: Regression, BDD and TDD   **Architectural Summary**   * Technical Governance & Assurance * H/LLD & Technical Detailed Design * Solution/ Technical Design Review * Managing Supplier Obligation   **Programme: UX -Data, Cloud platform**  **Role**   * Senior Solution Architect (SA)   **Business Solutions**   * Cloud, Hosting, Governance, Assurance, Cyber\Cloud Security   **Sector**   * Consultancy, Defence, Security   **Technology Summary**   * Security Methodologies: NCSC, CCA, CIS CSC, Cyber kill Chain, NIST CSF, IRAM, ISO27K, DPA/GDPR * Architectural Methodologies: Agile (Scrum, Kanban), Zachman, TOGAF, GAP Analysis, MoScoW, RACI * Information Assurance (IA) HMG IS1/2/5, GPG12/13, CSA CCM * Cloud Security: IAM, DLP, SIEM * Transform/Migrate/Consolidate/DR * AWS/Azure/GCP/RackSpace * VMware 5.5/6/6.6/6.7 * Win Server2K8/12/16, Office 365 * Active Directory (AD DS, RMS, FS, CS), WSFC, NLB, IIS, GPO, RDS, . * Quest- ER, CA, QMM, RUM * McAfee ePO, SEP * Veeam Backup and Replication, one   **Programme: Hosting platform** | | | **ONS – office of National Statistics Feb ’19 – Present**  To provide oversight and engagement in Cloud Centre of Excellence (CCoE), solution and assurance being undertaken by key programmes and projects across the businesses to cater to user centric, digital, cloud and platform solution.  Project and system lifecycle to analyse, plan, design, assure and deliver tactical projects (PoC, thin slice, prototyping and MVP) through to strategic adoption (Production) aligning with NCSC and GDS principles.  **Project Management - Agile Methodology (Scrum and Kanban) with XP Practices.**   * Write Epics, Personas Story/User Journey Mapping, User and Customer feedback, Backlog Management * Define Product Roadmap, Product and Sprint backlog in conjunction with Product Owner, Scrum Master and key business partners. Engage in meetings, which includes Sprint Planning, Stand ups & Retrospective.   **Solution and Technical Design- Cloud**   * Engaging Product Owner, Scrum Master and Business Analyst to collate requirements (Non/Functional, Security, MI), produce user journeys and swimlane process maps also facilitated meetings for DoR and DoD * Interpreting business requirements into technical solutions, providing technology designs governed by strategic direction, and operating the architecture process to provide direction on scope and IT solutions. * Ensure solution design and technical implementation satisfy all applicable security requirements. * Full knowledge of multi-tier architectural design, to build a solution from the ground up, developing high and low-level design(H\LLD): covering all technology stacks from application, data, network, infrastructure, cloud, security and service architectures. * Detailed review of invitation to tender (ITT) to ensure appropriateness and effectiveness of vendor selection process. Defining the architecture for high-profile, public facing, government digital services. * Responsible for migrating Legacy technology, e.g. applying data migration strategies, migrating hosting to cloud service providers, or incrementally replacing a Legacy system * Leading technical teams to deliver scalable and secure user-focused services that deliver transformation. Assuring and designing, deploying and transitioning digital solutions into cloud (private, public, hybrid). * Engaging different multi cloud providers- AWS\Azure\GCP, Managed Services and third parties to provide retro/fit solution and lead in due diligence in order to validate architected solutions for the organisation. * Managing file transfer in the organisation and the outside world using Nifi, GOAnywhere and MOVEIT. * Work to ensure critical success factors (CSF) and key performance indicators (KPI’s) are in place for delivery of vendors and service providers, as well as ensuring these are regularly reviewed for appropriateness. * Responsible for recommending Architectural, Security Standards and frameworks i.e. TOGAF, GDS, DSS, GDPR, NCSC, 14 CSP, ISO27001/2, NIST CSF, CIS CSC, STRIDE, used for secure by design solutions.   **Cybersecurity.**   * Deliver security accreditation artefacts in accordance with the client's accreditation method. * Ensure IA obligations are fulfilled, and solution is fit for formal security accreditation * Advise on proportionate risk controls, mitigations, or countermeasures to address security threats and vulnerabilities within new and Legacy IT systems.i.e.Splunk, Opswat, Observeit, Guardduty and Nessus.   **DXC/ BAE System Applied Intelligence (AI) Jan’18 – Feb’19**  Roles and design comprehensive integration and migration service (based on VMware, Cloud) solution responsibilities architecture that satisfy business requirements and align with Enterprise Architecture vision and associated standards define logical technical model (LTM) and work with vendors and teams – DR&S, service delivery partners (CSC &BAE) to define physical technical mode (PTM) for all the environments in cope of the project.  **Specialization:** NSoIT(D), Platform/Infrastructure, Cloud, hosting, Data Protection (GDPR), DR and Cybersecurity  **Project Management - Agile Methodology (Scrum and Kanban)**   * Take solution ownership from inception to delivery Embedding security into Agile (DoR, DoD, user stories, acceptance criteria etc.)   **Solution Architecture**   * Lead the consulting, assessment, PoC and implementation engagements of Private, Public, and Hybrid Cloud solutions. Strategizing and delivering solutions into service listing Operation Readiness Review Plans. * Engage lead and domain engineers to formulate solutions in line with business goals and security principles. Collaborate with off/onshore teams by providing low level guidance and governance. * Determine technical feasibility of business requests/requirements and identifies alternative technical solutions. Producing requirements (Non/functional, Security), L/PTM documents for the solutions. * Creation of the solution architecture, detailed design, migration design, test plan, solution build-out, PoC and piloting. Lead infrastructure projects from conception through to sign-off in enterprise organisations. * Identifying and analysing the IAM (M/2FA) Model, implementing the firewall rules and capturing all the vulnerabilities- Nessus, Opswat and logs-Splunk. * Breathe of solution experience, from on-Prem, to Hybrid Cloud to Cloud Platforms (SaaS/PaaS/IaaS). Multiple projects: Cloud/Domain Migration, Patch Mgmt. RAS, RPA, Security hardening, Wins 10. * Support the development the BOM (Bill of Material) and BOE (Basis of Estimate). Experience of the MoD lifecycle including reviews –Preliminary Design Review (PDR), Critical Design Review (CDR) * Act as a primary point of solution and technical liaison with the senior stakeholders and customer team   **Cybersecurity.**   * Security strategy: Assess, design and implement a security strategy and governance program framework. * Security governance: Design and implement IS security policies, processes and standards, IRAM act to maintain CIA of information systems, Vulnerabilities and the data processed-GDPR * Cybersecurity: Design and implement Cybersecurity frameworks, Cyber Kill Chain, design for Cyber cloud security and processes such as Incident Management, Intrusion Detection, and Security Monitoring.   . | | |
| **Role**   * Snr Cyber Solution Architect   **Business Solutions**   * Design, Cloud, Governance, Assurance, Cyber\Cloud Security   **Sector**   * Public, Security, Digital Services   **Technology Summary**   * Security Methodologies: CPNI, NCSC, CIS CSC, NIST CSF, OWASP C2M2, ISO27K, GRC, DPA/GDPR * Architectural Methodologies: Agile (Scrum, Kanban), TOGAF, AS-IS/TO-BE, PCI-DSS, OBASHI * GAP Analysis, MoScoW, RACI * Information Assurance (IA) HMG IS1/2/5, GPG12/13, CSA CCM * Cloud Security: IDAM, DLP, SIEM * CASB: MCAS, Zscaler, Cloudlock, * Transformation, Migration, Consolidation. * AWS/Azure/GCP, Rackspace * VMware 5.5/6/6.5 * Win Server 2k16, Office 365 * Active Directory (AD DS, RMS, FS, CS), WSFC, NLB, IIS, GPO, RDS, * System Center (SCCM, WSUS). * SIEM: Splunk, Solarwinds * Testing: IV&V, White/black   **Programme PDS: Cybersecurity**  **Role**   * Senior Infra. Solution Architect   **Business Solutions**   * Design (Shared), Cloud Hosting, Governance, Assurance, Security   **Sector**   * Public, Consultancy, Digital   **Technology Summary**   * C4ISTAR, CSA, STAR CCM, FMEA, SIAM, Agile (DAD, SAFE), TOGAF, * GAP Analysis, MoSCoW, RACI, Information Assurance (IA) NCSC HMG IS1, 2, 5, GPG12, 13. CSA, CASB, STAR CCM, ISF, NIST CSF * Windows Server 2K3/ 8/ 12/16 * Active Directory (AD DS, LDS, FS, CS), WSFC, NLB, IIS, GPO, RDS, * System Center (SCCM, WSUS). * G-Cloud, Azure, AWS (IAM, VPC, ECS, ELB, EBS, S3, Glacier) * McAfee HIPS, encryption, Nexus * SIEM: Splunk, Solarwinds   **Project – Cyclamen subset of Contest** | | **House of Parliament (HOP) Mar’17 – Dec’17**  Programme overarching projects delivering agile methodologies both Scrum and Kanban to EUCS Architecture function, infrastructure and Cyber\ Cloud security (addressing new technologies, methodologies and standards)  **Project Management - Agile Methodology (Scrum and Kanban)**   * Write Epics, Personas Story/User Journey Mapping, User and Customer feedback, Backlog Management. * Take solution ownership from inception to delivery security into Agile (DoR, DoD, user stories, AC)   **Solution Architecture and Cloud Solution**   * Responsible for engaging stakeholders, consultancies and vendors and working with them to translate business requirements into cloud solutions on the AWS/ Azure/Google Cloud platform ON demands. * Cloud architecture and security principles - including solution design and deployment experience Enterprise level experience with on premise to cloud migrations. * Designing, managing Government Cloud (public, private, hybrid and premise,) on Platform with PDS. * Responsible for designing, reviewing hybrid and Cloud security solutions and services introduced, identify vulnerabilities and recommend changes or enhancements to meet security control. * Lead Technical oversight for Cyber\Cloud Security, infrastructure and services, experience of authoring and critically reviewing relevant technical design documents (H/LLD, Options Paper, Security accreditation, Test, Build Assurance) presented to Technical Peer Review Group(TPRG) * Responsible for change control (RFC/RFP/RFI) for security, Infrastructure, EUT are considered in relation to design baseline. Ensure that the solution is aligned to scope and future requirement * Design solution that meet non/functional and security requirements such as high availability, performance monitoring, security, encryption, audit and logging. Also, identify attack vector and IOCs. * Review and approve design artefacts for the IT business solution (Functional/Technical Designs, Interface Specifications, Data Mappings etc.), liaising with cross functional teams to achieve high quality designs. * Reviewing and identifying data, where, when and what is kept. Transition of data from DPA to GDPR * Identify risks related to migration projects of data, interfaces and services. Identify inter-dependencies that complicate migration approaches.   **CyberSecurity**   * Incorporate enterprise security architecture to identify and manage the risk – SABSA. Design security controls for proposed solutions to meet relevant IT Security policies, standards and framework (CPNI, NCSC, C2M2, CIS CSC, NIST CSF, OWASP, ISO27001, and principles (CSP & CSA). * Identify and communicate vulnerabilities, new security threats with C/SOC, live service and design Security Architecture elements to mitigate threats as emerge. * Advising and solving information security, Governance, Risk & Compliance (GRC) and security assurance   **Home Office (HO) Oct’15 – Mar’17**  IT transformation program developing a solution architecture that covers both IT Shared services platform and infrastructure for both cloud and On-premises on multiple Green/ Brownfield projects  **Solution Architecture and cloud**   * Design the Hybrid Cloud solution for command, control, communication, computers, information, surveillance and reconnaissance (C4ISTAR).   **Infrastructure Architecture**  Strategies and Roadmaps   * Responsible for translating business strategic plans and requirements into supporting enterprise-wide technology strategies. Lead fixes and changes to meet ITHC remediation plan   Architectural Design   * Leading and Advising on Legacy system changes either to address critical business issues or enable a smoother migration to new services - Assuring migration suppliers proposals, designs, IAs * Responsible for providing High/Low Level Design (H/LLD), build Assurance documents. * Work across multi-supplier environment (**AWS, HPe, Serco)**, Partners (**AWE**, **CC, Serco, NucSafe, ledios)** to provide technical governance and design authority across entire solutionensuring it aligns with programme principles & standards. Using CASB Matrix requirements for cloud solution * Define and develop the target enterprise technology architecture, vision, strategy, principles, blueprints, standards (NCSC, HMG IS1, 2, 5, GPG12, 13) and methodology (27001/17/18, STAR CCM, TOGAF, MoSCoW) for cloud-based (PaaS/Iaas/SaaS) infrastructure and On-Premise solutions * Advocate for enterprise cloud (AWS, Azure, GCP, RackSpace) adoption, and delivering strategies to build solutions utilizing Amazons instance, Azure VM and Google instance for test, preprod and prod. * Define and implement AWS topologies (2/MFA, IAM, VPC, VPN, EC2, ELB, EFS, EBS, S3, and Glacier. * Conducts IA risk, vulnerability assessments, identify IA weaknesses and provide recommendations   **Implementation and Support**   * Act as an SME: AWS, Azure, M2k12/16, McAfee HIPS/ePO, System center (SCCM, WSUS), HP Store Virtual (VSA), Solar winds, Veeam, Double take, Virtualisation (VMware vSphere 6/6.5)-P2V, V2V, P2V | | |
| **Role**   * Snr Infrastructure Architect (IA)   **Business Solutions**   * Data Centre, Design, Governance   **Sector**   * Consultancy, Financial Services   **Technology Summary**   * Agile, TOGAF, Gap Analysis, RACI * Cloud: AWS, Azure, RackSpace * Data Centre- transformation, migration, Infrastructure * GOAnywhere MFT, EFT * Windows Server 2K3/ 8/ 12 * Active Directory (AD DS, LDS, FS, CS), NLB, IIS, GPO, RDS, WSUS. * VMware ESXI 5/5.1/5.5, 6, VMware Data Protection (VDP), Veeam.   **Project – IIB**  **Role**   * Snr Infrastructure Architect (IA)   **Business Solutions**   * Data Centre, Design, Governance   **Sector**   * Government, Consultancy   **Technology Summary**   * TOGAF, Application Migration * DC- transform, forklift, upgrade, * Windows Server 2K3/ 8/ 12 * Active Directory (AD DS, LDS, FS, CS), NLB, IIS, GPO, RDS, WSUS. * Cloud: AWS, Azure, Rackspace * VMware ESXI 5/5.1/5.5, 6, VMware Data Protection, Veeam. * HP 360/380/BL460C, HP c3/70000.   **Project – Rolls Royce (RR)**  **Role**   * Senior Technical Architect   **Project, MoJ– FITS**  **Role**   * Snr Technical Design Architect   **Business Solutions**   * Architecture Design, Cloud   **Sector**   * Government, Consultancy   **Technology Summary**   * TOGAF , Domain Migration * Collabnet TeamForge, SVN. * DC- transform, forklift, upgrades * windows Server 2K3/ 8/ 12 * Active Directory (AD DS, LDS, FS, RMS, CS), NLB, IIS, GPO, RDS * VMware ESXI 5/5.1/5.5, vCloud Director, vShield Manager, XenServer 6, Oracle Virtual box, Xenapps 6.5, VMware Site Recovery Manager (SRM) 5.1/5, VMware Data Protection (VDP), Veeam Availability Suite 8. * Hitachi CB 500 Blades, VSP, HUS.   **Project – Managed Consultancy:** Network trail, Dept. of Work and pension (DWP), MoD RPP | | **Atos Origin Mar’15 – Oct’15**  Government digital, technology transformation and integrating solutions across secure Central Government network data centres and cloud hosted platforms (IL0 to IL4) within Financial Organisation (NS&I)  **Responsibilities and Achievements**   * Working from strategic to tactical and includes integrating current architectures and initiatives as well as overseeing the deployment of new information technology architecture projects. * Provide infrastructure architecture solutions across multiple technology domains, capturing business and creating the architectural designs for the solution (AS-IS/CMO, TMO and TO-BE/FMO/ToM) methodology. * Engage with the various stakeholders across IS to gather the requirements (Non/Functional) to form the basis for a RFI/RFP process Point of contact for potential suppliers/ Vendors (AWS, Sopra, Webspiders, HP, Dell, Bull, EMC, RackSpace) for technical queries * Produce solution and Technical design documents such as SDD, ICD, HLD, LLD, Architecture Compliance Cert (ACC) Peer Review - Technical Review - Solution Review and Account Architectural Board (AAB). * Creating and designing Infrastructure solutions to support applications, infrastructure & services (IaaS, SaaS, PaaS). Also help in migrating from traditional data centre to cloud hosted environments (RackSpace)   **HP Sept’14 – Mar’15**  Working on platinum account providing end to end delivery of Infrastructure projects in a consulting environment.  **Specialization:** ITO, Requirements, Design, Transformation, Migration, Consolidation, Governance, Cloud.  **Responsibilities and Achievements**   * Act as a solution Architect, Tech Lead on projects to deliver comprehensive architectural solutions across multiple technologies, platforms, functional and industry domains using frameworks, and technologies. * Architectural framework assessing and managing architectural risk, incorporating risk mitigations. * Translate requirements and processes into technical solutions for internal or external delivery (ITO) * Governing the current architecture and implementation according to the defined Enterprise Architecture * Engaging Cloud providers (AWS, Azure and Rackspace) identifying the overall platform solution * Providing architectural quality of the Solution architect design (SAD), High Level Design (HLD), Low Level Design (LLD) or LTM & PTM, Statement of Work (SoW) and Governance (SRP, TRP, SDRS & IAD). * Providing Rough order of Magnitude (RoM) and Bill of Material (BoM) in and out of release Project. * Managing stakeholders, system integrators with regards to solution, responding to RFP'/RFQ/RFI/RFCs. * Identifying, planning and implementing data/application migration via matrix against critical solution   **Implementation, Support and BAU**   * Implementing, troubleshooting and testing Virtualization (VMware, Hypervisor, Citrix), Windows (2k3/8/12), Storage (EMC/Netapps/HP/Dell), Security and Backup/Restore.   **CGI Logica July’14 - Sep’14**  Technical Architect act as SME to provide advisory, recommendation and a detailed specification, design and support solution for Virtualisation environment for the development.  **Specialization:** Requirements, Design, Infrastructure, Storage, Virtualization, Windows, SIAM.  **Capita Sept’13 – Jul’14**  Global technology transformation, refresh and hosting a private cloud Datacentre to provide services (S/P/IaaS).  **Specialization:** Requirements, Design, Storage (HDS/EMC/HP), Infrastructure, Virtualization, Hardware.  **Responsibilities and Achievements**   * Responsible for designing Data Centre (DC) with multitenancy capability to host infrastructure implementations, migrations and upgrades; a blue print for creating and deploying scalable, highly secure, and resilient platform. * Responsible for designing infrastructures using HDS UCP Pro/Select (PoD) to control the data centre stack (Virtualisation, server, network, security, storage); accomplish data centre relocation and consolidation. * Produce detailed designs for systems architectures, taking a holistic view of the intended architectures. * Responsible for all stages of the infrastructure life cycle including investigation, analysis, specification, design, testing, maintenance, upgrade and migration, working closely with other systems teams. * Periodically reviews, and updates where necessary, infrastructure topology configuration, assessing effectiveness, and advising on optimum configuration. In charge of infrastructure (DEVs and Production) * Plan, Design, and Document High/ Low level (H/L) document for Windows 2003--2012 (AD, DNS, DHCP, GPO, IIS), SFTP, System Center 12 (SCCM, SCOM, WSUS), McAfee ePO 5/5.1, VMware vSphere 5.1/5.5, vSphere Web client, vCloud Director, VDP/A, VMware Configuration Operation Manager (vCOPs). * Data Migration, i.e. new build, lift and shift, transformation, P2V, V2V and Cloning for the Data Centre (DC).   **Implementation, Support and BAU**   * Implement and support enterprise solutions such as Microsoft Technologies: Ms Win 2K3/8/12, Active Directory, SFTP, NLB, GP0, DNS, DHCP, IIS, Replication, System Center 2012 (WSUS)and security: McAfee ePO 5.0/1. * Implement and support enterprise virtualization, upgrade and consolidation solutions using virtualization products (vSphere ESXI4.1/5.1/5.5 & XenServer), management and monitor (vCenter, web client, vCloud Director, vCOPs & XenCenter), vAPP, VMware Data protection 5.5 (VDP) , VMware Site Recovery Manager 5.1 * Multisite, build/release, test automation, system administration and systems level integration via Subversion   **Implementation, Support and BAU**   * Implementing, troubleshooting (3rd & 4th) and testing Virtualization (VMware, Hypervisor), AD, McAfee and Website solution | | |
| **Role**   * Senior System Architect/SME   **Business Solutions**   * Architecture Design, Integration * Virtualization, Cost Estimation   **Sector**   * Defence, Maritime, Consultancy   **Technology Summary**   * TOGAF, MODAF, Doors, * AGILE, MOSA,SOSA, MDA, * C4ISTAR, Def. Stan, NES, STANAG, JSP440/460/480, MAP, GPG 13) * Windows Server 2K3/ 8/ 12 * Active Directory (AD DS, LDS, FS, RMS, CS), NPS, NLB, ADTD, GPO * VMware ESXI4/ 5/5.1 ,VMware View/Workstation, VMware Site Recovery Manager (SRM)5.1/5   **Project: TYPE 26 GCS**  Implement Virtualised platform (infrastructure and software ) for maritime (QEC/T23/T26)  **Role**   * Snr Virtualization and Cloud Consultant/TDA   **Business Solutions**   * Architecture Design * Transformation and Migration   **Sector**   * Aerospace, Space, Defence   **Technology Summary**   * C4ISTAR, FMECA, Zachman, Waterfall Model, GAP Analysis, * Windows Server 2K12/8/3 * Active Directory (AD DS, FS, RMS, CS), NPS, NLB, ADTD * VMware ESXI4.0/4.1/5/5.1. * HP MSA 2/4000 Series, HP 4000VSA/SAS/Multi, VMware vSphere Metro Storage Cluster * PlateSpin Portability Suite, VMware Converter, Veeam Fastscp and Replication, vDR, vCenter Guided Consolidation * **Project: Galileo**   Satellite solutions for the govt and commercial sectors in Europe  **Role**  Snr Tech Consultant  **Business Solutions**   * Integration, Virtualization   **Sector**   * Consultancy, Defence   **Technology Summary**   * C4ISTAR, TOGAF, ITIL * Windows 2000/3/8- 32/64 R2. * IPSEC, GPO, TCP/IP, DNS, Netpro * Active Directory/domain Service   (AD/AD DS, CS, RMS).QARS.   * ESXI4.1/5, Xenapps, Radia * SAN-NetApps fas2050/20 * VMware Converter (P2V, V2V)   **Project - DII**  The modernization of the armed  forces IT infrastructure covering | **BAe Systems Mar’13 – Sept’13**  Systems Architect to develop a detailed specification, design and support solution for the ship (TYPE 26) ready for manufacture. To utilize COTS and bespoke products for shared infrastructure (SI).  **Specialization:** Requirements, Design, Infrastructure, Storage, Virtualization, Windows, Bid (RFI/RFP)  **Responsibilities and Achievements**  **Assessment Phase** (TYPE 45/ 23/26), CSEP, CESG (CAPS, CTA), JSP440/480/Tempest Standard Process.   * Working with the programme and Engineering Manager directly to identify and develop requirements via DOORS, using the requirements to supply accurate capital items and resource costs. * Extracting, capturing and maintaining enterprise architecture (EA) frameworks, processes and tools (MODAF, TOGAF, AGILE, VCRM, CMMI, CSEP, ITIL). Reviewing protective monitoring tools (LogRhythm). * Technical face to the client and in consultation define requirements (GTR, GSR and TES) and qualifications for the system requirements reviews, cost estimation (ROM, Cocomo & 3 point) and production * Design and understanding of the CONOPS analysis and document system design processes (including system, sub system spec, interface control, system test) and as well SoW & DIDs via Team Point. * Implement the system engineering lifecycle (Requirements, Design, Integration, Verification, and Validation). Implement availability, reliability and maintainability (ARM) engineering strategy and processes. * Drive standards (Def. Stan/MIL-STD, NES &STANAG), efficient applications and infrastructure design by aligning   **Implementation, Support and BAU**   * Coordinate the Implementation of MOSA (Modular Open System Architecture) to enable jointed integrate   architectures and interoperability, new design, upgrades and execute different strategic landscape shift   * Design, review and Implement Windows 2008 Server (W/RO DCs) Writeable between traffic networks. * Identify and discover the existing platform for vSphere 3.5, recommending and implement the roadmap to   upgrade and migrate to vSphere 5.1 within Window 2008 and Windows 2012 environment.   * Design and configuring VMware vCenter Site Recovery (SRM)5.1/5.5 for RPO and RTO replicate and hardware   **EADS ASTRIUM Feb‘12 – Mar’13**  Design and manufacture of satellite systems covering civil telecommunications and Earth observation systems, science and navigation programmes, together with avionics and range of space equipment  **Responsible and Achievements**   * Work as part of the Advisory and Assessment phases of engagements. This is transforming the project from (IOC/V) initial operation compatibility/Validation to phases (E12, E18, E26) to (FOC) Full operation Compatibility which entails deploying 30 satellites with 5 Ground station. * Define the system requirement and maintain interface between sub level and whole solution -Windows * As a Technical Design Authority (TDA) to ensure that both technical and business designs are fit for purpose, produce high and low-level documents (H/LLD), Technical notes for Data centres. * Implement technical solutions through project life cycle and ISMS (PDCA Cycle) being Review, design, PoC, migration plans, capacity planning, consolidation, support, security and training. * Responsible for understanding and reviewing the solution requirements and align to deliverables. Respond to RFI/RFP for the project. Support suppliers and multiple projects at the same time and meet published deadlines at home and client site (England, Italy, Spain, Holland & Germany).   **Design**   * Responsible for the creation of all solution designs in line with requirements, established architectural patterns and defined process designs via Zachman Framework and Waterfall Model. * Provide design through the operation and configuration addressing , FMECA, CDR, BoMs and SoW * Engaged various levels of business partners i.e. Indra, Logica, GMV and ESSOC and 3rd  party vendors * Define, recommend, validate and implement products such as hardware (HP 380 G6/7/8), software (vSphere 4.1/5/5.1, Windows 2K3/8/12, Storage (HP P2/4000 Series), security (ISMS (27001).   **Implementation, Support and BAU**   * As part of specialist team to deliver leading-edge Data Centre Technology, and also responsible for implementing challenging complex end-to-end infrastructure and data centre solutions, whilst contributing to business case and [TCO](http://www.jobserve.com/gb/en/learning/technical-skills-dictionary/TCO/?skill=TCO) analysis. Implementation of COTS/MOTS * Prepare the migration strategy for Roadmap for all software and hardware implemented. Facilitate the professional handover of solutions and documentation   **ATLAS CONSORTIUM Dec’11 – Feb’12**  Designing and implementing the solution for the use of domain controllers and member servers in FDv1/DV baselines Windows 2003 server and 2008 x86/x64 with hyper visor (requirements, design, components and test)  **Responsibilities & Achievements**   * Responsible for tactical implementation and management of the Wintel/UNIX platforms for 5000 physical servers and 6000 virtual machines across six platforms for the provision, BAU & projects. * Interfacing with relevant stakeholders, clarifying demand and ensuring delivery against SLA * Contribute expertise in a broad range of IT solutions spanning applications, databases, operating systems, networks, security, testing, and performance. Propose and implement improvements in technical and process areas. Act as SME for the environment and responsible for defining processes for baseline. Comprehensive understanding of IL2-5 security requirements. * Contribute to the design of virtual solutions, build & implement physical /virtual solutions and assist others in supporting delivered solutions. The keys responsibilities are:   - Architecture design & System engineering (requirement, design, validation) and operation  - System virtualization and migration (vSphere4/4.1/5, Veeam Backup and Replication)  - Infrastructure integration and evolution: COTS applications, VERITAS enterprise and clustering   * Executing support activities for defect monitoring and resolution are tracked | | |
| **Role**  Snr Tech Project Consultant  **Business Solutions**   * Virtualization, Cloud, platform   **Sector**   * Consultancy, Defence   **Technology Summary**   * Windows Server 2003/8R2, Active Directory (AD DS, FS, RMS, CS), NPS, NLB. * Vsphere4.0/1/5/5.1,ESXI4.0/1,   vCloud Director 1.5, WSUS.   * Virtual Storage Console (VSC) 2.0/2.1 (FlexClone, Open system SnapVault, Snaprestore).   **Role**  Snr IT Design and Imp. Engr  **Business Solutions**   * Component Integration   **Sector**   * Defence, Aerospace, Space * Telecommunication   **Technology Summary**   * Windows Server 2008 R2 * Active Directory (AD DS, LDS, FS, RMS, CS), NPS, NLB, ADTD * Network Policy Server (NP * Hyper-V 2008, VMware View/Workstation. * Netbackup7.01, VDR. * HP StorageWork MSA 2K * PlateSpin, VMware Converter * Veeam Backup and FastSCP, Double take (Move & backup)   **Project :Space Programme– YahSat (UK/UAE)**  Satellite solutions for the government and commercial sectors in EMEA  **Role**  IT Consultant  **Business Solutions**   * Integration, Virtualization   **Sector**   * Consultancy, Defence   **Technology Summary**   * Windows 2000/3/8. * DomainServices (AD DS, CS). * ESX/ESXI4,3.5,3.02/1, * SAN-NetApps fas2050/20   **Project - DII**  Covering 300,000 users worldwide  **Role**  Senior System Engineer  **Business Solutions**   * Proof of Concept(PoC) for Bid   **Sector**   * Central Government, Consultancy   **Technology Summary**   * VMware 3.01/2, Windows 2003 * MS SQL Server 2000/5, Linux * C class blade 7000c, DL Blade   system (360 and 380 G5/6)  **Project – Genesis**  Proof of Concept (PoC) for Bid | | **BAE System Detica Sept’11 – Dec’11**  BAE Systems Detica delivers a full range of products and services for air, land and naval forces, as well as advanced electronics, security, information technology solutions and customer support services  **Responsibilities & Achievements**  Translating the requirement and delivering a solution with H/LD and BAUs within complex multiple domain.  Managing small and large (SME) projects within IS Programmes and CPP with costs ranging from £10K to £100m under the following solutions for BAE Systems Detica across 20-25+ Data centres and 500+ physical hosts in Virtual Estate and across 5 Sites on Greenfield/Brownfield projects:  - Security Hardening, Scalability & Resilience: VM Expansion (P2V2V) and upgrading storage  - Business Capability: Implementing backup solutions and managing data replication to DR site   * Understanding and implementation of IL2/3/4/5 security requirements for the solutions * Implement Cloud computing to provide Itaas such as Iaas, Paas, SaaS and Staas for cost estimation and implementing ESXI4.0/1 utilize VMware/Storage Vmotion, HA, DRS, VLAN ID with storage in/out control (SIOC), network in/out control (NetIOC) on vDS and vstorage * Maintain systems to ensure high availability to the business. Applying the 80/20% Rule For full design and implementation of P2V2V Environment (VM Converter (hot & cold cloning)) and troubleshooting of SAN/NAS/DAS; NetApps storage Systems.   **EADS ASTRIUM May’10 – Sept’11**  World leader in the design and manufacture of satellite systems covering complete civil and military telecommunications and Earth observation systems, science and navigation programmes, together with avionics and a wide range of space equipment and associated ground station  **Responsibilities & Achievements**  Time is split over project design for two data centres (DC), methodologies (waterfall and FMECA), analysis, review, PoC, Capacity Planning, testing, implementation, migration (P2V, V2V, I2V), disaster recovery.   * Define the system requirement, decompose the system into sub system level and maintain the interface. * Design, review and Implement Windows 2008 Server (W/RO DCs) Writeable and Read-only Domain controllers   between two traffic network (secure and non-secure) at non/root domain and child domain and within two  Global Datacenters in U.A.E and UK interfacing clients; use of DNS, DHCP, DFS-R, FTP, IIS, GPO, ADTD, NLB,  NPS, NFS, Failover Clustering, Replication and 3/4th support for the environment.   * Producing System Design Documents (high and low level) internal and external interface control, configuration documents and Power-Up/Down procedure for the Solution in Clear case and Sprint * Building PoC platform to retrofit a solution between Windows Hyper-V 2008 R2 64bit and VMware ESXI4. * Plan, Design and configuring training platform using HP Enclosure C3/7000 Blade with HP Fibre Virtual Connect Flex10 and VMware vSphere 4.1. Implemented Veeam backup and Replication for DR * Installing and configuring virtualisation management tools (System Center Virtual Machine Manager, Virtual Machine Manager and VMware vCenter vSphere) to manage Hyper –V and VMware hypervisor (VMware ESXi 4/4.1) platforms on Production. Perform quick and live-migration of Virtual machines on the Hyper-Platforms (Ms Hyper 2008 Server) via intelligent placement and migrate the virtual machines onto the VMware Hypervisor * Installing and configuring HP Storage MSA 2000/12 (controller and drive enclosure). Design and implementing shared storage (ISCSI/Fibre channel and NFS) solutions for datastore, utilize VMware Vmotion, Storage Vmotion, (HA) High Availability, DRS, Fault VMware FT and DPM. Implement McAfee ePO4.6, WDS and WSUS.   **ATLAS CONSORTIUM May’07 – May’10**  Designing and implementing the solution for the use of domain controllers and member servers in FDv1/DV baselines Windows 2003 server and 2008 x86/x64 with hyper visor (requirements, design, components and test evidence) use of DNS, DHCP, IIS Manager, GPO, IPSec and provide support 3rd /4th line  **Responsibilities & Achievements**   * Ensure that technical requirements are consistent across the project; issues are resolved as necessary responsible for Hardware Selection, Power Consumption & Capacity planning for the Data Centre. * Responsible for developing strategies for Client Server implementations; architecture of the infrastructure required to support these strategies. This includes Microsoft Active Directory architecture and group policies * Designing and implementing the solution for Secure Wave Sanctuary suite control; and McAfee anti-virus (ePO). * Designing and implementing the solution for Virtualization (VMware ESX3.01/2,3.5), AD and HP Protect Tools for FDv1 to produce high and low-level design documents and configuration documents * Configuration and migration of existing VM environment (Hot &Cold) and convert from Physical to virtual (P2V) and virtual to virtual (V2V). Cloning of virtual machines.   **ATOS ORIGIN/DEFRA Apr’ 07– May’07**  Proof of Concept support for the preparation of a bid proposal for the relocation, server build, upgrade and consolidation of a major DEFRA project  **Responsibilities & Achievements**   * Responsible for installing and configuring HP Blades for a Proof of Concept implementation for Defra. * Responsible for ensuring that Build and Configuration work within the Wintel area is undertaken correctly and fully documented. Ensure that all Proof of Concept Build activities are undertaken jointly. * Installing and configuring rapid deployment pack via Altiris to deploy VMware ESX server 3.01 on servers (c class blade 7000c enclosure). Installing and configuring HP Remote deployment utility to install drivers for w2K3 . * Setting up and configuring Virtual machines on the network to provide BCP and ITIL Practice to the project | | |
| **Role**  Senior Infrastructure Engr  **Project – Scope**  **Role**  Senior Implementation Engr  **Project - Vertices**  **Role**  System Engineer  **Project - Firecrest**  **Role**  Win XP Deployment Engr  **Business Solutions**   * Transformation, migration   **Roles**  Win XP Deployment Engr  **Business Solutions**   * Application Integration * Document Management   **Roles**  Technical Support Engineer  **Business Solutions**   * Application Integration   **Project – Working link**  Implementation of infrastructure.  **Roles**  Support Engineer  **Business Solutions**   * Security | | **IBM Aug’06 – Mar’07**  Reporting to the Technical Services Manager, my role involved taking ownership and responsibility for the technical implementation of projects.  **JPMORGAN CHASE/ATOS ORIGIN Mar’06 – Aug’06**  Design and implementation of Vertices media management software across multiple platforms to ensure SOX technology compliance across EMEA. Analysis and specification of business unit requirements and ITL  **FOREIGN AND COMMON WEALTH (FCO)/HP Apr’05 – Mar’06**  Approximately 18,000 users are supported worldwide around 272 posts. The Infrastructure is designed, developed and upgraded to 3G- ICT (based on windows XP and Windows 2003 server infrastructure).2nd/3rd level management and support of desktop/server infrastructure components within different tiers  **FUJITSU /HOME OFFICE Nov’04 – Jan ‘05**  Working with a team of 25 Engineers deploying Windows XP/W2K OS to 15,000 users. Full Desktop and Laptop builds via Ghost imaging technologies and techniques (SMS/RIS/ SUS). Build and document ongoing desktop support.  **fujitsu /ministry of defence Jun’04– Oct’04**  Working in a team of 15 Consultants deploying Windows XP and supporting 6,000 users in the Head Office. Windows XP rollout utilizing Windows Server 2003 and SMS2.0./ RIS / SUS.  Responsible for application integration process: Task placed against DII Migration Contract., Conduct feasibility study  **THALES INFORMATION SYSTEM Apr’04 - Jun’04**  Providing 2nd/3rd line support for user base in excess of approximately 9,000 remote users with Unicenter TNG Remote Control Options divided into two tiers named Thales telecommunication and Working Links in a mixed env.  **Responsibilities & Achievements**   * Seconded to Helpdesk to provide technical resource for Helpdesk analyst. Call logging using TNG AHD, USD call   logging system, call fixing, escalating, call closure and administration.  **ultra electronic command and control Jan’02 – Apr’04**  A leader in the command and fire control systems industry involved in the design, manufacture and support of naval systems serving the Ministry of Defence. Responsible for a user base in excess of 350 internal and providing 1st/2nd / 3rd line support for user base in excess of about 350 internal and external within 98/NT/2000 environment | | |

**Education and Certification**

|  |  |
| --- | --- |
| **MSc (Hon.) Information Security Technology** | **MSc.** |
| **BEng (Hon.) Electrical & Electronics Engineering, Brunel University.** | **Member of IET -**93012233 |
| **British Computer Society** | **CITP of BCS -** 990154898 |
| **Certified identity and Security Technologist** | **CIST** |
| **International Council on Systems Engineering (INCOSE)** | **Member of INCOSE** |
| **Exin Cloud Computing Foundation** | **4478017** |
| **Citrix XenServer 6.0 Administrator** | **CCA** |
| [**VMware Certified Professional 5 - Data Center Virtualization**](https://www8.pearsonvue.com/testtaker/registration/ExamRegistrationHistory/VMWAREINC/422286) **- VCP(VCP510)** | **VCP** |
| [**VMware Certified Professional 4 - Data Center Virtualization**](https://www8.pearsonvue.com/testtaker/registration/ExamRegistrationHistory/VMWAREINC/422286) **- VCP(VCP410)** | **VCP072716** |
| **Project In Controlled Environment** | **PRINCE2 foundation** |
| **Cisco Certified Network Associate** | **CCNA** |

**Training**

|  |
| --- |
| **VMware 6.5 training**  **MimeCast training**  **MODAF/TOGAF/ Zachman Training**  **AGILE Training**  **HP Openview Configuration Management using Radia**  **System Testing – ISEB, BS7799ISO17799 ~ 27000Series**  **Oracle 7.3/8/10g** |

**Reference:** Available on request