I have experience in consulting as a solution and enterprise architect on end-to-end solutions from digital transformation to global high-level hosting platforms, which could be virtual, physical, or cloud technologies across multi-product infrastructures. In addition, I have interacted at the CxO level to understand the client's business requirements and translate that into a viable financial and technical solution; this has involved working on global outsourcing opportunities within multinational companies to a national start-up. As a result, I can communicate comfortably across business and technology domains and adapt and create solutions to specific business requirements.

I have extensive experience owning the solution, analysing the client's business requirements, liaising with the internal development teams, and converting that into a technically and correctly sized solution. I have worked as a senior solution and enterprise architect and on bid pursuits involving in-depth bid responses (RFI, RFP) up to £500M in very fast-paced environments. I have led technical teams locally and remotely, utilising a matrix management style. Solutions developed across multiple industry sectors to tight timeframes, including; Media, Financial Services, Utilities, FM, Telco, Healthcare, Local Government, NHS, and Retail.

* Professional Member of the British Computer Society, the Chartered Institute for IT (MBCS)
* Affiliate Member of the Chartered Institute of Information Security (AfCIISec)
* Enrolled in an MSc in Cyber Security with the University of Essex
* Security Clearance – SC as of March 2021

**Experience**

Solutions I have designed have included:

* Cloud migration (Azure and AWS)
* Stakeholder management
* Data governance, including GDPR
* API integration across diverse platforms
* The conceptualisation of customers' needs to deployment
* 3rd party vendor management and multi-vendor integration through to delivery

**Core skills**

My core skills include:

* End to end solution creation, ownership, and management, utilising Togaf and other methodologies and tools (SysML, UML, Sparx, and Visio)
* Enterprise architecture and Digital transformation (Data Modelling).
* Application integration high-level design (Conceptual, Logical and Physical)
* Cloud - understanding the client's 'cloud' and security requirements
* Managed services design (XaaS), security design
* Business-driven technology consulting (business analyst)
* Solution development and delivery (technical pre-sales)
* Team recruitment and leadership
* Current technology trends and marketplace
* Legacy systems replacement, upgrade, and amalgamation
* Data analysis IBM SPSS v25 and IBM AMOS v 25

**HMRC– Lead Service Design Architect March 22 to Present**

* Responsible for existing and new service design within Crown Hosting and AVS, HMRC Hybrid environment.

**HMRC– Service Design Architect December 20 to March 22**

* Migration of HMRC out of existing legacy datacentres into Crown Hosting and AVS (Azure Vmware solution) , Hybrid environment (includes new HMRC physical DC)
* Service Design of Services offered by the Crown Hosting Datacentres.
* Creation of CH Principles and Policies as perTogaf methodology
* HMRC ITT creation and evaluation of vendor responses for BAU Run Partner Circa £50M contract award

**Agilisys– Senior Enterprise/Solution Architect August 20 to October 20**

* Local government (States of Guernsey) transformation project.
* Creation of Architectural Vision and Principles following Togaf methodology.
* Creation of Front and Middle office technical artefacts for the Target Operating Model.

**Atos – Senior Solution Architect – Cloud and Infrastructure February 20 to August 20**

* Solution Architect for challenging Atos senior clients
* Being the Atos technical lead into major Atos clients
* Understanding the client's needs and aligning Atos services to meet those needs
* Pre-Sales, Solution and Enterprise architecture work across all technical domains

**Getech –Chrome Enterprise Solution Architect November 19 to February 20**

* Providing Chrome Enterprise (EUC) solutions
* Production of white papers
* Presentation and Presales
* Bid creation
* Change management: service transition, transformation, business change, and user adoption.

**Aviva –Solution Architect March 19 to July 19**

* The commercialisation of existing data held by Aviva (legacy and new)
* Understanding of what information the data sets include
* Identify Systems of Record and Insight
* Data modelling to expose what information would be available and where for commercialisation
* Understanding the impact of GDPR on data usage (legacy and retention)
* Migration of data into the on-premises, Hadoop data lake
* Migration of data to the AWS Data lake for use with AWS tools

**Crown Prosecution Service (CPS) Infrastructure Architect January 19 to March 19**

* Support the CPS head of Architecture in the digital transformation of the CPS.
* Migration of Data Centre's into on-premise and Azure platforms
* Technical liaison between CPS Business areas and suppliers
* Understanding the CPS supplier documentation
* Review supplier HLD's and other documentation (TDA)
* Provide technical assurance for CPS technology projects
* Contribute to the development of the CPS architecture strategy, standards, and principles.

**NEL CSU- NHS Commissioning Support Unit**

**Solution and Enterprise Architect September 18 to November 18**

* Migration to Windows 10 of 50,000 endpoints across GP surgeries, clinical commissioning groups (CCG), and integrated care systems. (ICS) throughout London, the South East, and East Anglia
* Solution and Enterprise Architect dealing with digital transformation to meet NHS 2020 targets transforming all endpoints to windows 10 by Jan 2020.
* Determine the correct digital transformation roadmap and liaise with 3rd parties to provide technical oversight for digital migration and transformation across the NEL CSU estate.
* Creation of Enterprise architectural process and documentation for the digital strategy.
* End-User Computing (EUC), Windows 10 deployment utilising 3rd party Custom Factory Integration (CFI) (Dell, HP)

**Kent County Council (became Cantium Business Solutions on July 2, 2018)**

**Interim Strategy and Enterprise Architecture Manager- May 2018 -Sept 2018**

* Management of the Technical, Solution, and Enterprise architects within the Business Services Centre.
* Stakeholder relationship management to enable the technical change (HR and Finance teams user stories)
* HR and Finance IT roadmaps and strategy, understanding the 'AS IS' (Oracle Service Cloud) and developing the enterprise and financial 'TO BE' ServiceNow CRM

**Engie - Facilities and Asset Management**

**Solution Architect, Dec 2015- March 2018**

* Translate functional requirements into non-functional designs involving conceptual, logical, and physical designs with HLD's of data flows between systems (SOA) and cloud providers. Identity and Access Management for internal and external clients involving Azure/IBM/AWS platforms to in-house infrastructure.
* High-level application designs for Engie's digital transformation with integration into external resources (API), secure and resilient across geographies.
* Technologies used: Engie's IWMS CAFM platforms Planon and IBM Maximo, IBM integration Bus (IIB), Box (ECP, ERP), ServiceMax (Salesforce platform), SAP, and virtualisation technologies. E-commerce portal design within Azure. Maximo HLD and integration
* Working alongside the business owner to expand Robotic Process Automation across the whole of Engie. Using and working with Blue Prism, from business case to proof of concept role out.
* Responsible within a project for the end-to-end solution. Work with DevOps teams using a waterfall and agile methodology, complementing them by providing clear, continuous, and consistent solution architecture leadership.
* Enterprise architect in identifying the organisation's needs including ISO 27001 and Cyber Essentials, breaking large application system requirements down into manageable parts.
* In a very fast-paced environment, work with Bid teams to ensure IT for new opportunities are appropriately designed and priced.
* Participate in application supplier selection process, evaluating the usefulness and cost of products and making appropriate recommendations.
* Technical Lead on Bids from £2M to £500M across local authorities, Police Authorities, National Transport, and Nuclear power stations. A current win of £115M for Transport For London (TFL)
* Recruitment of Solution Architect team.

**Ramsey Health Care UK**

**Solution Architect- digital transformation, Mar 2015- Dec 2015**

Digital transformation by the design of Electronic Patient Records (EPR) subsystems for prime supplier IMS Maxim (Capsule, Winscribe, JAC, Medicode). system interoperability HL7 v3, CDA, ITK, and FHIR)

* Interaction from suppliers to internal stakeholders on:
  + Complete high-level software design life cycle of application subsystems
  + Created a design and implementation methodology for new subsystems
  + Document all aspects of the solution from Conceptual, Logical and Physical,
  + Oversee vendors' solutions and challenge where required.
* Design of SAP billing platform and module integration into EPR

**Xerox (McDonald's global account)**

**Solution/ Enterprise Architect, Jan 2014- Feb 2015**

* Solution Architect working on global Xerox network and hosting services to the McDonalds account specialising in the US and European markets.
* Creation of Solution Design Documents detailing conceptual, Logical, and Physical designs for applications such as Oracle, EAI, ECP, and e-commerce.
* Investigation and documentation of the 'as is' hosting and network architecture. design of proposed 'to be' architecture.
* Investigate and create 'innovative' proposals working towards the renewed contract in 2015 and McDonald's digital transformation.
* Embedded within the McDonalds Head office for fine client collaboration on all projects.
* Migration of McDonald's e-commerce card payment infrastructure from IBM to Xerox (PCI-DSS).
* Design of e-commerce POS payment system solutions to European and UK markets for rolling implementation across all McDonalds estate

**T –Systems (Deutsche Telekom)**

**Delivery Solution Manager, December 2013 – Jan 2014**

* Solution Architect working on T-Systems E.ON account
* The conceptualisation of connectivity and collaboration services to the E.ON global mobile workforce utilising mobile and radio communications (Tetra).
* Responsible for the Architecture and Design for proof of concepts and global rollout of connectivity and collaboration services
* Creation of service models to support the products

**Guys and St Thomas' NHS Foundation Trust (GSTT)**

**Senior Solution Architect, March 2013 – Sept 2013**

* Solution Architect/ Technical Design Authority role-specific to a clinical setting working within the Design team at GSTT.
* Responsible for the Architecture, Design, and Assurance (Technical Governance) of the technology used to support the business areas, in particular PAS/EPR/Paperless i.e. digital transformation of GSTT.
* System interoperability (HL7 v3, CDA, ITK, and FHIR)
* Interaction with 3rd party to provide governance and assurance on proposed technology to implement into the Trust.
* Responsible for producing proposals (Solution Designs) that follow these architectural principles (Togaf).
* Datacentre migration of Physical to Virtual and new rollout of applications
* Tetra rollout to hospital staff

**Siemens/Atos on the BBC account**

**Senior Solution Design Lead, June 2011 – February 2013**

* To lead the delivery of proposals owning the written response and directing the team delivering the content in a fast-paced environment.
* Solutions delivered from; BBC Digital transformation, mobile device integration (BOYD-iPhone, Android, and tablet), enterprise network upgrades, connectivity to broadcast critical connectivity infrastructures (party political conferences, US Presidential election), and 3rd party access infrastructures.
* Senior stakeholder management and business analysis with challenging internal and external clients.
* Develop relationships with suppliers for specific proposals. Liaise to bring those suppliers into the account and leverage the best value for Atos/client.
* Working closely with Account teams to understand customer requirements (business analysis) and identification of appropriate solutions that meet customer functional, non-functional, and operational requirements within customers' budgetary or operational constraints. Dealing with Broadcast Critical solutions to challenging timeframes
* Solution lead for proactive bids creating a virtual team (matrix management) including account management, project manager, and technical design
* Leading a virtual team coordinating input from multiple resources and cross-functional teams.
* Providing a cost model for the solution. Liaison with service transition to ensure all proposals have transition included and priced
* Liaison with operations to ensure that BAU and operational components are included and approved.
* Ensuring that minimum standards for projects are adhered to
* Liaison with heads of service/operation tower heads so that all proposals have operational buy-in (now known as SIAM- Service Integration and Management)
* To develop relationships with other key stakeholder groups (procurement, finance, commercial/legal, HR, etc.)

**Xchanging**

**Technical Manager, July 2010 – Jan 2011, Solution Architect, Jan 2011 – May 2011,**

Various roles at Xchanging (Global BPO). To own the solution, to manage the pre-sales/business analyst activity for new customer requests from initial notification to production of formal proposals including initial project planning and, in some cases, taking the project manager role to deliver the solution to agreed budget and timeframe. Liaising with technical subject experts to define optimum solutions understanding the business impact and creation of proposal documentation and costs. Creating and building upon relationships to foster new solutions for business requirements. Project management of operational changes. Experience in delivering solutions utilising the Lloyds Insurance network.

**CSC**

**Solution Executive, April 2010- July 2010**

As the Solution Executive, I would take the Solution Director role in new and existing accounts focusing on technical elements of the client's requirements. To own the technical solution to understand the client's requirements and bring together elements of CSC to support the solution, creating virtual teams to do so. Projects included the global role out of the virtual desktop and the infrastructure to support it and the on-going VoIP requirements.

**TATA Communications Ltd**

**Solution/ Enterprise Architect, 2006 – 2010**

My role as the Solution Architect was to interact in a consultative capacity to understand the client's business requirements and translate that into a high-level solution which could be a dedicated infrastructure to a shared cloud offering. I worked closely with the client to develop that high-level solution into an in-depth architecture that meets their business and technical requirements. This was then turned into a project for delivery whilst I maintained a 'high touch' role for advice.

Solutions would be multi-product platforms with a need to understand how each element supports the business to then scale it correctly for current and future use. This means that I would need to work closely with the product and development teams as they develop the products, the managed services team as they take the product to market utilising the channel and direct models. This entailed putting together a 'matrix - virtual team' to support the bid including subject matter experts and project managers.

Projects worked upon:

* Bid pursuit of BPO platform-liaising with client SAP architects and vendors (SUN/Sap) to understand how the SAP elements worked in conjunction with the Oracle Database and designing an infrastructure to support the current and projected growth- TCV £40M
* Creation of the Tata Cloud to support the client's requirements from the initial understanding of the client's requirements to the specification of what sort of 'cloud' technology was required.
* NHS projects utilising the N3 network connectivity for datacentre services
* Datacentre migration projects.

**Pre-2006 Career Summary**

2005 – 2006 Tiscali Pre- Sales Consultant

2002 – 2005 Cable and Wireless Pre-Sales Consultant

2000 – 2002 Truth Consulting LTD Pre-Sales Consultant

1999 – 2000 ICL Team leader

1998 – 1999 ACT Financial Systems (Misys) Technical Support Manager

1996 – 1998 ACT Financial Systems (Misys) Senior Support Engineer

1983 – 1996 Royal Corp of Signals Radio Telegraphist/Crypto Accountant

(British Army) Units/operations included: Gulf tour and 11 EOD (Bomb Disposal)

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