
MICHELLE DOWIE



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I bring a pragmatic enthusiasm to any organizational challenge, with a focus on outcomes and providing business transformation capabilities that add value.

MEMBERSHIPS & INTERESTS

Association of Enterprise Architects,
The Open Group

Systems Thinking, Problem Structuring
Methods & Decision Analysis
Special Interest Groups
The Operation Research Society

Women's Chapter,
British Computer Society

PORTFOLIO HIGHLIGHTS

Consultant Architect - Oil Companies
International Maritime Forum

[www.ocimf.org]

August 2021 to January 2023

Interim Chief Architect – English Heritage Trust

[www.english-heritage.org.uk]

June 2021 – March 2022

Enterprise Architect – Drax Group

[www.drax.com]

March 2019 to December 2019

EDUCATION, PROFESSIONAL QUALIFICATIONS & TRAINING

TOGAF © Certification Programme
TOGAF v9
The Open Group

BSc Computing with Mathematics
University of Wolverhampton

ITIL © Certification Programme
IT Service Management v3
ISEB

Supervisory Management
The Industrial Society

Management and Leadership Programme
Growing as a Manager
The Open University

SKILLS & DISCIPLINES

Enterprise Architecture Practice – TOGAF - Chief Architect – Cobit - Transformation – Six Sigma (Green Belt) Practitioner - Security Consulting – ISO 27001 - Mentoring - Coaching - Social Impact - Sustainability – Equality, Diversity & Inclusion - Innovation – Industry Internet of Things - Chief Product Officer & Office of Chief Data Officer Consultancy – Data, Information & Knowledge Management – Digital Workplace – Modern Infrastructure – Integration – Microservices – Connectivity – Informed Buyer Services – Trusted Internal Consultant – World Trade Organization Tenders – IT Governance – ISO 31000 – Scaled Agile Framework

PROVISION OF ARCHITECTURE CONSULTANCY TO OIL COMPANIES INTERNATIONAL MARINE FORUM - August 2021 to January 2023

Oil Companies International Marine [OCIMF] were amidst a mindset change of their SIRE 2.0 Maritime Safety regime and accreditation, with the introduction an end-to-end digital solution. My role as consultant architect was to rapidly understand key aspects of the business, being embedded in various governance forum to support the strategic and tactical decision-making process to ensure activities were focussed on the optimal delivery of business benefits and outcomes aligned to the Vessel Inspection Programme [VIP] strategy.

Worked with the VIP Steering Group and Programmes Committee to track technical and solution risk, taking part in risk workshop with association members representative and secretariat subject matter experts [SMEs]. Developed an assurance model based on ISO standards and industry relevant frameworks to mature the governance posture and evolve the traceability of decision-making processes and accountability with OCIMF's key suppliers.

ON-CONTRACT AS INTERIM CHIEF ARCHITECT TO ENGLISH HERITAGE TRUST [EHT] - June 2021 to March 2022

Instigated an Architecture Practice, at EHT as it established a stable & sustainable financial footing as it transverses from a government agency to charity. I was tasked with developing a group of Analysts from various technical teams into a structured community of architects that relevant to EHT's target operating model.

Based on the Skills Framework for the Information Age [SFIA] developed the full set of development plans for the incumbent analysts to transition into the defined architect roles with competency level set to meet the projected demand to support the capabilities required to deliver the business strategy.

Worked in a complex ecosystem of internal and external suppliers of services, rapidly built solid working relationship with stakeholders and all levels both and at a technical and political perspective, as Historic England not only managed EHT's license to operate, it provided IT & operational services, I was tasked by the CFO and Interim Head of Technology services to evaluate IT service provision as 'Fit for Purpose'.

Implemented an Architect Community of Practice, including by invitation SMEs from Historic England and EHT's third party suppliers. Worked with strategic supplier to provide knowledge sharing session to upskill architect into internal consultant to enable product functionality to be fully exploited under the 'Borrow, Buy or Build' guiding principle being encouraged across the charity.

Took the pre-pandemic technical services delivery plan and re-imagines it into a Digital Business Strategy that would underpin EHT's ambitions from 2023 – 2025 and beyond!

PROVISION OF ARCHITECTURE CONSULTANCY TO OCIMF - May to July 2021

Was engaged by the VIP Expert Group to conduct an IT Architecture Audit for the stable assured deliver of the SIRE 2.0. Making recommendations to the VIP Director, Executive Board and VIP governance forums for a future programme of work to deliver solution assurance principles across the project workstreams, introduced standards to be adoption both internally and in co-operation with the associations key suppliers, for example: 42010, 27001, and 12207 to align to their existing quality management system based on ISO 9001.

ON-CONTRACT AS PRODUCTION ARCHITECT TO DRAX POWER LIMITED - September 2020 to April 2021

Had to deploy a variety relationship building techniques to negotiate an architectural approach across numerous programmes, which had not had previous interaction with the architecture function, often dealing with contentious issues. Necessitating driving consensus between cross-functional team with competing directive, for example during the decarbonization at its Selby site in parallel to an organizational change, my responsibility was to work with plant sectional directors to balance the timing of project deliveries against the impact to operational demands to potential Environment Agency grants & levies.

I had accountability to be the conduit between the IT department and plant Operation Technology SMEs. I worked in a collaborative style to implement the Purdue Enterprise Reference Architecture [PERA] as the benchmark for all Internet of Things future-state architecture, elaborating transition architecture where necessary.

PRE-SALES ENTERPRISE ARCHITECT FOR BOWES CONSULTING - December 2019 to September 2020

Invited panellist for HPE's Data & Analytics Special Interest Group evolving a reference framework, nomenclature, ontology, taxonomy for the Machine Learning, AI, Analytics and Data Science disciplines. Performing an exploration of data management, analytics and ethical data handling frameworks, body of knowledge associations and standard as well as certification institutions.

Undertaking self-paced studies to formalize my Six Sigma, PRINCE2 and Transformation skill set, following the APMG's practitioners programme.

Requested to participant in ISACA's Smart Buildings Working Group

ON-CONTRACT AS ENTERPRISE ARCHITECT [EA] TO DRAX GROUP - March to December 2019

Acting as Group EA, I joined Drax as the first and only certified EA, following the acquisition of Opus & Haven commercial utility organization and the recent transfer from Scottish Power Hydro sites. I took various specialisms including Application, Integration and Security, co-ordinated working group co-opted stakeholders for each domain from across appropriate business functions.

Applying relevant industry frameworks which were researched and evaluated as being fit for purpose, I selected the American Process & Quality Centre [APQC] Process framework to classify the entire ICT landscape across each business unit to provide the Head of Architecture, Chief Information Officer and CFO, with an Application Rationalization roadmap as well as categorize architecture building block [ABB] type to inform future IT invest. To move the group to a target architecture aligned to Industry 4.0 principles, developing a preferred technology portfolio, which would be evaluated at subsequent architecture boards.

I selected DAMA Data Management Body of Knowledge as the common language to be adopted across the IT and Security departments.

I inputted to driving the use of Skills Framework for the Information Age [SFIA] to assess equivalence between roles across the enterprise to align five organization into the '*OneIT*' vision.

Represented the CIO at the Garnet Digital Workplace Summit translating their logical capability model into an actionable roadmap and sequence of delivery projects. Performed knowledge transfer with the Domain Architects and Technical Leads.

ON-CONTRACT AS SOLUTION ARCHITECT TO GREENE KING PLC - November 2017 to November 2018

Green King's EA function had been less than a year in operation, I worked closely with the Group EA to shape the architecture discipline across both Corporate and Retail operating units. Key achievements to date:

I performed an impact assessment on the inflight programmes of proposed system enhancements, my first step was to decouple the tactical project work that does not align to the enterprise strategy. As solution lead I developed the roadmap for the Talent Management Programme, to include however not limited to working through the backlog continuous improvement & change requests in line with both the deployed, transition and target architectures. This entailed working with the platform service provider, talent management professional services vendor together with the HR Domain software vendors, to ensure a full Applicant to Annuitant was achieved by ensuring all participants to solution delivery were bringing the appropriate expertise.

Customer Experience & Master Data Management transformation programme, exploiting previous expertise in MicroServices (e.g. BlockChain), Distributed Compute Services (Kubernetes), API-led (e.g. Mulesoft, Cornerstone EDGE suite) integration design utilizing Agile frameworks.

Further technical skills in SQL Server, Dynamics NAV, VMWare, Cisco, Openstack, Oracle.

Competencies tuned during this assignment were: Portfolio and Programme Management; Methodology Alignment (PRINCE2 & TOGAF); Strategy Definition; Deliverable Streaming (refinement); Architectural Significant Assessment; Culture Change; Delivering Architecture Best Practice.

PRE-SALES ENTERPRISE ARCHITECTURE DUTIES FOR BOWES CONSULTING GROUP – June 2017 to October 2017

I have defined a Value Engineering based approach to look how a Pre-IPO organization can move from a sales-based client engagement model to a client success framework.

A lightweight TOGAF influenced engagement lifecycle was outlined, working with the co-founder I defined what key workshops, input and output would be needed to establish a collaborative shared ownership approach of all solutions being implemented moving forward.

Consulted with an Architecture Practice wanting to expand its operation, looking at how the TOGAF ADM could be truly adapted to “commoditize” time consuming aspects of the house building and renovation process, especially the requirements and specification capture stage.

PRE-SALES SOLUTION ARCHITECT FOR PAREXEL INTERNATIONAL - July 2014 to June 2017

Compiled presentation materials using variety of media for a range of client engagement, travel as a key part of the business development team, set the direction on how architecture should be established in the bid, proposal and tendering process. Attended European business development meeting to represent the technology group and delivered knowledge-sharing on concepts of the transition from software selling to solution consultancy sales.

STAFF MANAGER / LEAD SOLUTION ARCHITECT, COMPUTER SCIENCES CORPORATION (CSC) - October 2003 to Sept 2007

Delivering IT solutions employing an Architectural Engineering methodology (Catalyst v4) as part of an accredited ISO-9001 2000 and SEI level 4 process

I was the Lead Solution Architect for a Global Aerospace & Building Corporation technology transformation programme covering over 7000 desktops & 700 Servers across 26 Business units within 6 European Countries, driving technical strategy developed with USA based Corporate World HQ, including MS Exchange transformation

I successfully delivered infrastructure work strands for major clients including ranging from military prime contractor to component manufacturers to the vehicle industry

Supported account for a pan-European Facilities Management Organization in the assessment of 420+ client applications, reviewed against functional requirements compared to available standardized (COTS) applications, following formal Enterprise Architecture methodology

I defined and delivered solutions based on a broad range of technologies e.g. LAN/WAN, SAN, CRM, PDM, CMS, ERP to list a few

I was responsible for managing staff related issues from training and staff development to resource allocation / utilisation within the CSC GIS Solution Architecture team

I was responsible for the management of Government security vetting for all direct reports

TECHNOLOGY ARCHITECT, CSC - May 2000 to Sept 2003

I delivered the CINCOM consolidation for a Global Car Components account and delivered solutions using ATM, ASG, ISP, HP-UX, Windows 2000 Advance Server

Performing computer room rationalization for one of the world's largest automotive suppliers I designed and provided technical consultancy for Automotive Infrastructure improvement using technologies such as SAN fibre, AIX, ADSM, IBM Storwatch, Kappa, EDI VAN, VPN

Produced technical architecture design documentation and provided ongoing support to a Military, government and civil forces prime contractor major defence programme, this involved the use of technologies including: IDS, TruePass, SecureNet, Livelink, Citrix, EMatrix, ARM, DOORs, Document Management, Oracle ERP [CRM], BLIS, Welcom Openplan, Eagle, VMWare, Data Centre consolidation as well as supporting the Development Team's Proof of Concept requirements

Responsible for all technical aspects of an electronic marketplace solution, incorporating the following product set: EDI, Machinelink, Yantra, EBD, COF, Marketsite, Exostar, WEB server, XPC systems

Delivered bid proposals and provided contract negotiation support for Military Estates Invitation to Tender process

Defined and supported the implementation of a New Billing System for One of the UK's primary Utility Company covering technologies such as: Windows 2000, VA Smalltalk, MQ Series, Solaris Tru64 on Compaq Dec Alphas, Oracle 9i, Oracle pro-cobol, Visual Age Pacbase, Microfocus COBOL Runtime, TNG Workload manager, TNG O/S agent, TNG Oracle agent, Veritas, Precise SQL, Perl, Samba, Apache, Business Objects, which exposed me to the challenges of working in an highly regulated environment

Working as a key part of an IPT, I offered architectural consultancy including the following solution toolset Oracle, Replication (Mission Critical Recovery), DOORS, VLAN, DMZ, FireWall, IP addressing & routing for the BAESystems Eurofighter 2000 programme

I undertook the platform selection and, capacity planning for the CSC Business Assurance - Business Assurance Reporting system running Windows NT, Oracle

