**NEIL CHOLERTON**

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**Nationality: British**

I’m an innovative TOGAF-certified senior enterprise/data/technical architect with an excellent track record of successful delivery, often against tight deadlines, in both private and public sectors. After graduating from Oxford University and joining Cap Gemini as a graduate software development trainee, I moved into hands on database administration, data modelling, and data architecture, becoming progressively more focused on and committed to the business value of enterprise architecture, with the ability to lead and inspire others likewise - and enjoying increased levels of responsibility and accountability both as a team member and a leader. Details of successful recent work are on the Digital First blog at <https://digitalfirst.blog/author/ncbhcc/> .

**Knowledge and skills:** enterprise & data architecture; stakeholder management skills, including at C-level; matrix management; confident, successful influencing and negotiation; clear, concise communications; data modelling, data governance, data analysis and data quality assessment; master data management; API management; data preparation for machine learning and big data, enabling data science; business process and capability analysis; frameworks (TOGAF, Zachman, IBM IFW); foundational cloud infrastructure (AWS & Azure); taxonomy development; SQL; NoSQL (graph databases). My TOGAF certification ID is 117632.

**Tools:** Orbus iServer,ERwin, ER/Studio, Sparx EA, Visio, Powerpoint, Excel, Power BI Desktop, Talend Open Studio, Jira, Confluence

**EXPERIENCE**

**02/2015 – date Brighton & Hove City Council**

**Bartholomew House, Brighton, BN1 1JE**

**(CONTRACT) Enterprise architect/ICT (technical) architect**

* Member of **ICT senior management team**. Represented ICT in due diligence phase of shared services agreement (Orbis) with Surrey and East Sussex county councils prior to partnership agreement.
* Set strategic direction for sharing data across the organisation by **persuading and influencing the CEO** to add accountability for sharing and improving information assets to executive leadership team role descriptions.
* Developed TOGAF and Gartner-influenced enterprise architecture framework and delivery plan **linked to corporate plan**.
* Solution design and product management of an **event-driven architecture** using IoT sensors, Dell Boomi and GOV.UK Notify – presented outcomes to the Housing Technology 2018 conference.
* Designed **architecture vision** and product managed a single view of BHCC citizen master data using Dell Boomi (for API management and business rules) and Clearcore - enabling machine learning, AI, business intelligence and reporting initiatives.
* **Matrix managed** both Agile development, Waterfall projects and third-party suppliers.
* Technical knowledge used to run procurements (with an average discount of 20%) establishing:
  + Enterprise architecture repository (Orbus iServer)
  + Rapid application development platform (Mendix) – designed competitive proof of concept
  + Integration platform (Dell Boomi) - designed competitive proof of concept (using microservices)
  + Internet of Things sensors (LoRaWAN) - pilot project for social housing – details at **https://digitalfirst.blog/author/ncbhcc/**
* ICT lead on Microsoft Enterprise Software Agreement renewal – analytical study identified **savings of over £100K** from initial quote by identifying mismatches between logins and licensing counts.
* Created and gained approval for enterprise, application, information and infrastructure architecture principles, tailored to the Council’s corporate plan and the ICT strategy, and subsequently embedded in Change Advisory Board processes.
* Governance of project, programme and supplier architecture (technical requirements, technical design, product design, and specifications including Azure & AWS cloud data, compute and storage options) against architecture and engineering principles via membership of Change Advisory Board and Technical Platform & Architecture Workshop.
* Developed investment logic maps focusing on customer experience, and a **technology** **roadmap for Digital First programme**.
* Major contributions to NHS Local Digital Roadmap – this saved time for NHS staff and enabled early delivery.
* Supported and mentored Lead ICT Architect and data architect in enterprise, application and information architecture – this **saved costs for the Infrastructure Programme** by enabling internal staff to do work earmarked for external consultancy.
* Member of **Internet of Things (IoT)** working group, comprising representatives from the council, Brighton & Sussex universities, Intel, and Amazon Web Services.

**01/2014 - 01/2015 Southern Water**

**Southern House, Lewes Road, Brighton BN1 9PY**

**(PERMANENT) Lead information architect**

* Created information strategy and governance framework, including the establishment of an information management forum with senior business stakeholders to identify key risks and opportunities.
* Created TOGAF-derived data management framework with a focus on the corporate strategy, including architecture and modelling metadata (enterprise data model in Sparx EA then ERwin, corporate taxonomy, entity-application matrix, standards and policies). Guidance and support to business intelligence team. Profiling and mapping of customer data in Talend.
* Matrix managed project data and information architects and analysts in Agile and waterfall projects, supervising to ensure their work was delivered on or ahead of time, meeting business requirements and the principles in the IM framework.
* Fostered partnerships with enterprise and information architects from other water companies to enable collaboration and knowledge sharing, delivering **significant cost savings** (for example, influencing the business to use SharePoint in place of OpenText as SW’s strategic ECM platform, and using Azure storage for e-billing instead of the ERP system).
* Designed SharePoint Online ECM pilot to demonstrate benefits of properly governed & classified information to the business.
* Established SharePoint Governance Forum to ensure adherence to best practice, saving hundreds of hours of time and reducing the costs and risks associated with SharePoint implementations.

**08/2012 - 12/2013 The Pensions Regulator**

**Napier House, Trafalgar Place, Brighton BN1 4DW**

**(CONTRACT) Data architect**

* Creation of target data architecture (enterprise data model in ER/Studio, business metadata glossary, entity mastership, entity-application matrix) for core systems architecture programme. Profiling of scheme data using Talend Open Studio.
* Creation of strategic DAMA-derived framework with strategy, reporting and policies for a new data management function. Engagement and relationship-building with senior management team and data owners/custodians.
* Managed third-party vendors, negotiated 30% software discounts and committed to deliver to deadlines.
* Documenting organisation-wide dataflow from ISO27001 source material, including identifying mastership of core data entities, data owners/custodians, which **reduced major risks** relating to data quality and data security.
* Presentation of technical issues and solutions in business-friendly terms to influence Information Governance Board and Data Panel, and ensure that well-informed decisions in accordance with best practices were made.

**12/2011 - 07/2012 Centrica**

**Lovett Road, Staines TW18 3AR**

**(CONTRACT) Business/data modeller**

* Data modelling (logical and physical, 3NF and dimensional) and business analysis for Campaign & Retain on a Teradata data warehouse using the Teradata ULDM framework.
* Mentoring and coaching of junior data modeller.

**07/2011 - 12/2011 Lloyd’s of London**

**Lime Street, London EC3M 7HA**

**(CONTRACT) Business/data analyst**

* Data analysis and modelling (logical, 3NF, dimensional) on Core Market Return insurance system using ERwin.
* Creation of data modelling and metadata policies, involving negotiations with technical and business stakeholders.

**08/2010 - 05/2011 Gatwick Airport Ltd**

**Gatwick Airport, West Sussex RH6 0JP**

**(CONTRACT) Business/data analyst**

* Analysis and design of logical data models using Sparx EA in core business areas including airport operations, retail, car parking and environmental impact for an ERP migration. Analysis of data structures and reporting by reverse engineering from data warehouse. Profiling of car parking data in Talend. Validation of business requirements and use cases, successful workshops with key business users, used influence to establish data governance, managed third party suppliers.

**OTHER MAJOR CLIENTS/EMPLOYERS**

**2006 - 2010 The Pensions Regulator – (regulatory) business/data analyst**

**2002 - 2006 PricewaterhouseCoopers LLP (financial services) – enterprise data modeller**

**2002 Scottish Enterprise (public sector) – enterprise data modeller**

**2001 The Body Shop & T-Mobile – (retail and telecommunications) data architect/modeller**

**1999 – 2000 IBM Global Finance, Banking & Securities (financial services) – data modeller**

**1997 – 1998 Logic Works UK (software house) – technical presales consultant**

**1996 – 1997 Cap Gemini UK (consultancy) – analyst/programmer**

**EDUCATION**

**1989 - 1992 St Catherine's College, University of Oxford**

* BA (Hons) Experimental Psychology; Preliminary Honours in Statistics, Neurophysiology, and Psychology
* Awarded Class 1 for final year original thesis on social conformity in peer groups.

**1985 - 1989 St Paul's School, Barnes, London**

* A levels (1989) English Literature, French, Latin
* O levels (1987) English Literature (AO), Additional Maths (AO), English, French, German, Latin, Maths, History, Combined Science I & II
* Awarded John Colet (top) academic scholarship

**REFERENCES**

Available on request.

“Neil was a pleasure to work with and has a great depth of Enterprise Information Management and strategic Enterprise Architecture that will benefit every organisation. Professional, diligent, strategic and easy to work with, would gladly work with Neil in the future” **– Mike Spence, SharePoint Architect, Southern Water**

“A focused, professional analyst whose deep expertise in data modelling provided a crucial input to a major IT and business change programme I managed” **– Alan Penswick, Head of Change, The Pensions Regulator**

“Neil's understanding of data and the technologies to manipulate the data have given Gatwick insight into its Commercial business that will improve critical decision making. His dedication to quality is only second to the effort that he has put in to meeting deadlines and enabling project success” **– Stuart Harwood, Programme Manager, Gatwick Airport Limited**