



Derek Ewing

Enterprise Architect

Experience

Highly qualified and experienced, delivering technology in investment bank, across all assets classes, the corporate, wealth and retail bank. I have held many of the positions commonly associated with a typical technology delivery team from developer, business analyst and project manager to technology partner/director. Managing budgets from £50K to £8.5M, skills and experience include:

- Stake holder management
- DAD/Agile, SCRUM, Lean adoption
- Complex problem decomposition
- DevOps / Continuous integration
- Superb Communication
- Human Centric Design Thinking
- Vendor Analysis (from corporates to start-ups)
- Automation and Transformation
- SDLC / change management
- TOGAF & Zachman Certified
- CxO Technology advisory/insights
- SDLC / change management

Contact Details

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Web sites

linkedin.com/in/derekewing
stackoverflow.com
/users/4262691/derek-ewing
github.com/DerekEwing/
www.derekewing.com
www.kiteedge.co.uk/

Certifications

TOGAF 9.1
Zachman v3.0
WSS 3.0 Config
WSS App Dev
MOSS 2007 Config
MOSS 2007 App Dev

Technical Skills



Languages

English ★★★★★
German ★★★★★

Education



BSc(hons)
BioMedicine
Dundee University
July 2005



MSc Bioinformatics
Cranfield University
September 2006

Management Consultant

March 2017 - pd [~12 Months]

HSBC Plc

Providing advisory services in the establishment of a large distributed technology delivery function, embedding a cloud-based CRM platform across multiple business units for 17.5K users

Cheif Technology Officer

January 2017 - pd [~15 Months]

KiteEdge Ltd.

Built out a new Search as a Service platform for assest managers.Drove the transformation from a conceptual idea to a functional operating model. Defined the business value chain and required capability's. Hired and negotiated vendor contracts to deliver against the required capabilities. Capabilities included a technology delivery, platform support and data science functions. Created the architecture vision and governance model to ensure business strategy alignment, minimizing operating costs and driving revenues. Integrated multiple complex technology stacks including bespoke search engine, machine learning algorithms and ontological driven recommendations/suggestions.

Senior Management Consultant

April 2016 - January 2017 [~8 Months]

ING Group.

Business led enterprise architecture, i.e. Operating Model Design, Cloud Adoption Strategy informed by Application and Technology Portfolio Models combined with modern human centric design thinking to co-create a new cloud "as-a-service" technology brokerage bank infra organisation. Ensuring the private cloud investment of €300M yields offers a flexible, scalable and commercially astute technology capability's.

Enterprise Architect - Vice President

February 2015 - April 2016 [~14 Months]

Barclays Bank Plc.

Responsible for the transformation of the Personal, Wealth and Corporate bank technology functions. Including the definition of transitional technology states, strategy and roadmap by pragmatic and economic delivery of capabilities required to address regulatory Anti-Money Laundering (AML) commitments by 2019. This involves the management and oversight of a 66 strong delivery team as well influencing the new agile/lean target operating models currently being designed within the business units. Secondary objectives include driving the adoption

of digital engagement, incorporation of new innovative technologies (IDAP, block chain, machine learning and other finTech opportunities), improving business operating efficiency and extracting commercially valuable business insights via next generation big data technologies.

Enterprise Architect - Vice President

[Barclays Bank Plc.](#)

February 2014 – February 2015 [~12 Months]

Responsible for translating the business strategy and wider technology vision into concrete technology roadmaps across the entire Barclays group (investment bank, wealth, corporate, retail, Barclaycard and Barclays Africa group). Reporting progress to the Barclays Architecture Board (CIOs and CTOs) and providing input into reallocation of technology funding (circa £3bn p.a.). As lead architect within the Know Your Customer (KYC) team I focused on enabling the mass technology transformation and rationalisation across the group ensuring AML policies, standards, risk models/trees and operating models are accurately and consistently adhered to for all 90 million customers. I was the Lead Architect on the tactical and strategic PEP register project. Managed the team of business analysts carrying out a technology rationalisation feasibility study. The results of which determined the group-wide KYC technology strategy, estimated to reduce the cost of doing business across the group by £95M per year.

Lead Architect

November 2011 – February 2014 [~2 years 3 Months]

Barclays Capital Plc.

Founding member of the CRM CoE Design Authority (managing a team of three architects). Early Barclays Agile adopter, with a level three agile CoE maturity as a result of defining the infrastructure standard from F5 load balancer configurations to defining the technology operating model (applying AGILE, TOGAF and Zachman frameworks tailored to the bank's System Delivery Life Cycle (SDLC) as well as early enforcement of development and delivery practices (e.g. continuous delivery via Jenkins and Nolio/build/test driven development, various DevOps and look back sessions), terms of reference, development standards and policies and aligning to the group-wide strategic initiatives. Winner of the 2012 CIO innovation and excellence award.

Lead Architect

January 2013 - February 2014 [~13 Months]

Barclays Capital Plc.

Managed a globally distributed technology team (four architects and three business analysts) investigating and reviewing new and emerging technologies aimed at providing increased business insights and collaboration e.g. analysing customer interaction patterns (i.e. affinity modelling and propensity modelling) in relation to complaints and customer spending patterns and market basket analysis. Responsible for the introduction of SpigIT, Yammer, Google Alerts, InsideView and various MS CRM applications. Managed the Barclays Open Innovation start-up companies within the security work stream.

Solutions Architect

June 2011 – November 2011 [~13 Months]

Barclays Capital Plc.

Team responsible for systems that capture all trade data ensuring a high degree of accuracy and alignment with operational risk frameworks, internal policies and standards as well as providing feeds to internal technology teams e.g. trades services, finance, legal and compliance. Designed and implemented trader commentary functionality shared across a number of award winning Barx trading applications including BarxFX and BarxFI.

Solutions Architect

February 2010 – 1st June 2011 [~1 Year 4 Months]

Barclays Capital Plc.

Multi disciplinary technology team formed to resolve “hard to solve problem” projects across technology teams and assets classes. Provided specialist .Net, infrastructure, web technology and SharePoint services to deliver a number of solutions across the investment bank including a consolidated banker workstation, various trade blotters, SharePoint workflows, CRM sync solutions, a global account opening system and a sales pitch book application.

Senior Business Solutions Consultant

January 2008 – January 2010 [~2 Years]

Fabric Technologies Ltd.

Setup and managed a software development practice within the business solutions department. Increased revenue generation threefold by cross-selling services and co-ordinating inter-business unit projects deliveries. Improved resource allocation and skill identification by introducing a change management system and basic ITIL practices i.e. service level management and a unified help desk.

Head of I.T

March 2007 – December 2007 [~10 Months]

Moss Electrical Ltd .

Moss Electrical Ltd Managed a small technology team reporting to the commercial director. Responsible for the consolidation of technology assets including contract negotiation and supplier management, introduced a mobile order management and vehicle tracking capability. Accountable for technology operations during relocation from three central London buildings to 150K square foot warehouse in Dartford. Upgraded to £50K server estate and introduced an ultrahigh-speed fibre backbone facilitating straight through processing of orders. Improved operating efficiency of I.T. team by 40%, funding and prioritising modernisation of in-house software applications.

Technology

.Net technology stack: C - highly proficient Windows Infrastructure (Authentication (SSL, kerberos, claims) , Active directory, SQL ,DNS, MS exchange, team foundation server)
SharePoint and MS CRM: Install, configure, customise and Development, QlikView

DevOps: JIRA, Confluence, Team city, Git,puppet,jenkins and GIT hub

Python, Perl, bash/shell scripts, matplotlib, MATLAB
JavaScript, HTML, Scalable vector graphics, RRS/ATOM Pub

Examples of previous use case

Designed and developed dozens of applications, including a series of restful APIs exposed externally to the various BARX trading applications. I designed the CRM CoE infrastructure standard for large highly performant, scalable and reliable web server farms (for approx. 25K users)

SharePoint and MS CRM: Install, configure, customise and Development, QlikView
Designed and developed many web parts and “mini apps” hosted within SharePoint and MS Dynamics CRM. Including relationship visualisation tools for the wealth private bankers and private banking executives.

Standard technology tools for capturing requirements, converting to user stories, adding technical tasks and assigning to delivery teams. As well as ensuring the technical (knowledge base) details such as URL endpoints, for UIs and web services are captured.

Analysis of foreign exchange price fluctuations utilising machine-learning algorithms to assess success rate of various common trading strategies.

Work in progress as a technical proof of concept, building a small ecommerce web site, which dynamically constructs various scalable vector graphics to represent atom pub, feeds.

Other Interests

5K Runs, snorkelling, Technology trends, AI/Machine learning, Tech starts ups, Search, OWL/RDF & Algorithmic FX Trading