



CURRICULUM VITAE

Experienced technology leader and architect, with over 15 years in the industry and a track record of delivering large scale, complex IT systems integration, enterprise applications and digital products. I've successfully led large (globally distributed) agile teams to deliver end to end solutions, across a variety of industries, including financial services, oil & gas, retail & telecomms clients. I also advise our clients on technology strategy, architecture and engineering.

Passionate about using technology to solve problems, which make a difference. With a constant focus on the cutting edge, I am believer in innovation and continuous improvement, and look forward to researching new technologies, techniques and practices that bring a benefit to projects and the clients I work with. As a SA certified scrum master, I am big advocate of agile delivery, and the benefits it brings.

SKILLS

My key skills and experience lie in:

- Cloud Architecture & Platforms (AWS, Azure, GCP, Red Hat OpenShift, Kubernetes & Containers)
- Evolutionary Architecture
- Microservices Architectures based on NodeJS backends
- Agile Delivery (scrum alliance certified)
- Web & Mobile Application Architecture (ReactJS, iOS & Android mobile development)
- DevSecOps & modern engineering practices
- Technical and Delivery Leadership of globally distributed teams

EDUCATION

Imperial College London • 2001 - 2005 • MEng Honours in Computer Science • 68% overall mark

EXPERIENCE

Technology Consultant • IBM • 2006 - Present

13 years experience at IBM working on IT delivery projects, for a variety of blue chip clients. I've spent the last 9 years within the IBM iX, our digital & design consultancy, focusing on delivering customer centric, digital solutions. I've listed four recent client examples below.

Client: **BP • 05/2016 - Present**
Digital Products Lead Solution Architect

Within BP I've held a number of architecture lead roles, across a variety of digital reinvention programmes.

- *Castrol Digital Excellence*: I held responsibility for architecture across all 20 MVPs and 5 scale products that IBM delivered with Castrol. This meant ensuring as we made solutions live to customers, they were performant, secure, maintainable & reliable. Part of this role also involved being an advisor to BP architecture, informing them on strategic toolsets and direction to take technology, and assisting with their marketplace assessments of vendors.
- *BPme*: Architecture lead for the iOS & Android mobile applications being deployed to Australia and UK, which form BP's "pay at pump" solution. I created the initial proposals for revamping the integration landscape, and putting together the business case for a BPme MBaaS (Mobile Backend as a Service).
- *Smart Maintenance Platform*: Creation and evolution of the overall solution design for new digital products within the SMP programme, utilising AWS & Azure to deliver reusable micro-services, either on containers within Kubernetes or serverless runtimes, and Mulesoft as the API management layer. Promotion of re-use within the BP portfolio, either through extension of existing products, or utilising services offered by BP jointly owned ventures/business partners.

Client: **Barclays • 03/2015 - 05/2016**
Programme Technical Lead

- First steps in helping Barclays achieve their vision of becoming the UK's cognitive bank. This was via delivery of a ground breaking, artificial intelligence based financial assistant, which analysed a prospect's financial situation and makes a strategic recommendation on where to invest their capital. This was through one of the first implementations, within UK financial services, of IBM Watson, a cloud based AI platform.
- I was responsible for overall technical product delivery, comprising of over 300 user stories encapsulating the product backlog for the first application release. I led a cross functional team, spanning UK, Ireland, India, Australia and the US.
- Within a client team used to waterfall delivery, my role involved introduction and coaching on the scrum delivery methodology, and including agile practices in to the product lifecycle.

Client: **Ikea • 01/2014 - 03/2015**
Technical Delivery Manager

- Delivery manager on the Ikea NWP eCommerce platform programme (a complete revamp of www.ikea.com), which had the overarching goal to transform IKEA into a multichannel business. It was a £50 million technology project, involving 250 IBM and Ikea consultants, with resources spread across Sweden, Denmark, Germany, UK, Philippines and India.
- I was owner of the release management lifecycle, including definition, scheduling and integrated delivery of Oracle ATG backend components through the various IBM & Ikea cloud environments. This involved definition of strategic direction, to enable faster and more reliable releases of working software, and allow Ikea to meet their launch timescales and objectives. It included transfer of all build and deployment responsibilities away from critical path (and costly) onshore development resource, across to IBM Global Delivery teams.

Client: **Visa • 08/2011 - 12/2013**
v.me Digital Wallet User Interface Applications Team Lead

- Technical lead of the user interfaces (UI) application team - of 12 developers in 3 teams to deliver 3 cutting edge Web 2.0 rich internet applications, using agile scrum. I had overall responsibility for setting the technical direction of all the UI applications, including meeting performance, security, accessibility and maintainability requirements. We achieved all of Visa's critical objectives over 5 releases, on the road to public launch, within a programme involving over 100 IBM & Visa staff.

OUTSIDE INTERESTS

Pâtisserie, home automation, music festivals, snowboarding, poker