

# CURRICULUM VITAE

Christopher Mark Buckley M.Sc. (Dunelm)

Email: chris@cmbuckley.co.uk

## SUMMARY

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An established senior leader and mentor with 14 years' experience working on large IT platforms and enterprise transformation programmes. Skilled at communicating with clients & stakeholders at all organisational levels in fast-paced agile businesses. Excellent problem solver with a strong architecture & engineering background; experienced in delivering highly available, fault-tolerant, distributed systems in regulated and licensed industries using on-premise and cloud-based solutions. Keen advocate of open-source technologies and communities.

## PROFESSIONAL EXPERIENCE

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### Principal Architect

*Answer Digital*

2022–Present

*Leeds, West Yorkshire*

- Broad leadership role responsible for strategy & direction of architecture & engineering capabilities, early engagement with clients across all sectors, organisational maturity & operational excellence
- OKR champion responsible for shaping & communicating company mission & objectives
- Defined company technical strategy, roadmap & progression plans with heads of capability

### *NHS England*

- Lead Architect & Account Manager for NHS COVID Pass programme
- Facilitated creation of target operating model for service transition within NHS, aligning commercials, policy & technical governance
- Chaired Design Authority process overseeing architectural change for the programme
- Co-ordinated open-source initiative to embed SDLC best practices & release COVID Pass source code to the public

### Senior Solutions Architect

*Sky Betting & Gaming*

2016–2022

*Leeds, West Yorkshire*

- Launched a new games content aggregation platform with teams across the Flutter group, reducing third-party revenue share and driving platform independence
- Pioneered real-time Kafka-driven data hub strategy for standardised communication with Data teams
- Incident Commander providing measured support to on-call teams during incidents and major events
- Engaged with heads of technology, product and marketing to align business and technical strategy
- Oversight of compliance initiatives including GDPR, PCI DSS and vulnerability management
- Technical contact for external vendors providing supporting services and delivery capability
- Mentor to other architects and engineers in teams across gaming products and services

### Engineering Manager

*Sky Betting & Gaming*

2014–2016

*Leeds, West Yorkshire*

- Management of multiple agile software teams delivering products and services in the Gaming tribe
- Provided leadership and line management for Software Engineers, Testers and DevOps Engineers
- Implemented and communicated SDLC for governance of continuous delivery and operational support
- Worked with Architects and Service Delivery Managers to manage third-party vendor relationships
- Responsible for recruitment and retention of diverse-skill teams working closely with Talent Recruiters
- Key advocate for corporate open-source contribution and technical community involvement

**Principal Engineer**  
*Sky Betting & Gaming*

2012–2014  
*Leeds, West Yorkshire*

- Technical lead for Sky Poker in-house development team
- Delivery and support of Rich Internet Applications in a virtualised LAMP environment
- Technical liaison for third-party integration and software architecture
- Close involvement with stakeholders to define product roadmap and strategic direction
- Collaborated with Platform and Service Operations teams to ensure high availability
- Worked with Architects to evolve company technical roadmap

**Senior Software Engineer**  
*Everything Everywhere*

2009–2012  
*Darlington, County Durham*

- Development and maintenance of applications using Zend Framework
- Project planning with stakeholders to define project scope
- End-to-end accountability for projects from design to launch
- Participation and leadership of daily stand-ups, planning meetings and sprint retrospectives
- Active involvement with evolution of CI and code analysis tools
- Design authority and development of standards for RESTful Web services
- Involvement with team recruitment process (interviewing / technical tests)

**Developer**  
*Vebra Solutions*

2007–2009  
*Pocklington, North Yorkshire*

- Development of PHP property management system and Ajax-driven UI framework
- Refactoring of existing implementation for cross-browser compatibility
- Maintenance of LAMP platform, CVS codebase, coding standards and Bugzilla

## QUALIFICATIONS

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**Manager HD Programme**  
*Institute of Leadership & Management*

April 2015

- ILM: Distinction

**Practitioner in Enterprise & Solution Architecture**  
*British Computer Society*

December 2013

- AMBCS: Intermediate and Practitioner Certificates

**Master of Science (Research)**  
*Faculty of Science*

2006–2009  
*University of Durham*

- Thesis: “Guessing Numbers Based on Network Routing Capacity”
- Supervisor: Stephan Dantchev

**Bachelor of Science**  
*College of St. Hild and St. Bede*

2003–2006  
*University of Durham*

- Upper Second-Class Honours (2:1)
- B.Sc. Natural Sciences (Computer Science & Mathematics)

## PERSONAL INTERESTS

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- Programming (contribution to a number of open-source projects)
- Rock climbing
- Snowboarding
- Cycling / mountain biking
- Languages (French, learning Polish)
- Music (electric guitar, live music)