Contact

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Top Skills

Solution Architecture

Architecture

Microsoft Azure

Certifications

Microsoft Certified Proffessional (MCP) - Windows Applications

Microsoft Certified: Azure Solutions Architect Expert

Microsoft Certified Solutions Developer (MCSD) - Architecture/ Distributed Applications/SQL Server

Adrian Kolek

Lead Architect at AQA Milton Keynes
Milton Keynes, England, United Kingdom

Summary

An accomplished architect with many years software development experience, providing solutions and consultancy across a number of sectors with a number of global partners, currently specialising in Azure PaaS application modernisation and migration using cloud optimised patterns.

I'm comfortable engaging at board level, shaping solutions and strategy as well as leading projects from inception to delivery. I'm a natural innovator with broad and deep technical skills enabling me to utilise technology to deliver real business value. I have strong enthusiasm for software development and have more than enough technical skills to do hands-on work when required.

I'm excited by technology and enjoy learning new skills. I enjoy mentoring and upskilling others, am naturally inquisitive, enthusiastic and fully dedicated to my work where I'm committed to delivering quality.

A focused and driven individual with a passion for architecture, design and development. I care greatly about product quality, cost and the positive experience received by end users.

Experience

AQA Architecture and Innovation
Lead Architect
April 2022 - Present (3 years 11 months)
Milton Keynes, England, United Kingdom

DRS Data Services
19 years

Product Architect
January 2015 - May 2022 (7 years 5 months)
Milton Keynes, United Kingdom

Solutions Architect
March 2010 - February 2015 (5 years)
Milton Keynes, United Kingdom

Responsibilities:

Architectural design and documentation

Performance tuning

Security

Proof of Concepts

Stakeholder management

Key achievements:

* Architected (with some development) a new generation online examination marking product with security, scaleability and extensibility at its heart. This was a green-field project that has been successfully used to mark millions of high stakes student exam papers in India as well as the UK.
* Architected (with some development) a new generation election product. This product successfully delivered the results for the high profile GLA London elections in 2012 and 2016

Deputy Software Development Manager
December 2007 - March 2010 (2 years 4 months)
Milton Keynes, United Kingdom

Responsibilities:

Lead departments technical direction in terms of frameworks and design approaches

Innovate in order to save costs

Implement and champion agile methodologies

Standardise working practices across teams

Develop quality code

Unit testing

Key achievements:

* Designed and developed an automated load test platform which has subsequently been used to test all DRS high volume applications
* Designed and built highly scaleable work allocation modules for the DRS exam marking product
* Standardised agile working practices across all teams

Technical Team Lead
December 2005 - December 2007 (2 years 1 month)

Responsibilities:

Technical design

Develop quality code

Unit testing

Agile team management of a team of 14 developers and testers

Agile team management of a small local outsourced team

Team appraisals

Key achievements:

* Designed and developed an extended election system workflow capable of processing ballots consolidated using the complex single transferable vote system. Added new workflow modules to handle reading and manual correction of hand written characters, new vote, adjudication, consolidation and reporting modules. This system successfully delivered the results of the 2007 Scottish elections by processing and consolidating 14 million ballot papers across 32 Scottish Local Authorities in a 10 hour window
* Architectural re-design of new generation Census product

Senior Developer
June 2003 - December 2005 (2 years 7 months)
Milton Keynes, United Kingdom

Responsibilities:

Technical lead

Develop quality code

Unit testing

Mentoring

Key achievements:

* Designed and developed ballot design and production modules for the Elections product used in 2004 for the London GLA and European elections which processed 8 million ballot papers across 14 constituencies in an 8 hour window
* Designed and developed generic key correction modules that could be re-used across multiple DRS products which resulted in large development cost savings
* Designed and developed automated code-quality plug-ins

Webdev Consulting Limited
Senior Developer/Consultant
October 2002 - June 2003 (9 months)

London

Responsibilities:
End to end development to a fixed budget
Customer engagement and management
Develop quality code

Key achievements:
* Designed and developed a number of online data cleaning applications designed to flag suppression services against lists of submitted names and addresses (e.g. TPS)
* Designed and developed the first phase of "Late Night London's" restaurant booking system

National Mutual Life
Senior Developer
June 1991 - October 2002 (11 years 5 months)
Hitchin, Hertfordshire

Responsibilities:
End to end development (analysis through to delivery)
Technical lead for all new leading edge projects
Mentoring other team members
Develop quality code
Trainer of mainframe (COBOL) developers (20-30) into PC developers (SQL server and Visual Basic)

Key achievements:
* Designed and developed "paperless office" solutions utilising the Kodak/ Eastman Image and Workflow platform
* Designed and developed company wide management information systems
* Developed web based pension quoting systems
* Developed pension accounting systems
* Developed automated code quality utilities

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Education

Samuel Whitbread Academy, Shefford, Beds.
B-TECH, Information Technology, Business Studies