

Adam Richard McMurchie

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I am a DevOps and technical specialist SME currently working within the Cards & ATM platform at Lloyds Banking Group. At present my primary role is to provide automation solutions, enablement of new tools and building applications that run the bank. This includes and not limited to DevOps, continuous integration, Test Driven Development and continuous delivery. I am able to quickly and logically identify key requirements, and then create and deliver relevant workable solutions. I am passionate about up-skilling and invest 10 hours per week learning new technologies and am currently working towards Certification in AWS Solutions Architect.

TECHNOLOGY SUMMARY

Agile Continuous Integration Continuous Delivery DEVOPS Mainframe Jenkins SonarQube GIT JAVA Endevor UrbanCode CA-LISA JIRA & Confluence Anaconda Ansible Android & Cradle AWS Web-Services Cloud

EMPLOYMENT HISTORY

SME & DevOps Specialist : [Lloyds banking Group 2015 - present](#)

Currently working in LBG in the Cards & ATM platform, my primary role working on automation, enablement of new tools and building applications that run the bank. I was chosen to become our teams DevOps specialist, and have successfully built and implemented DevOps continuous integration pipeline & TDD with Jenkins, CA LISA, UCD, Ansible, Topaz and more.

SME Technical Specialist : [Lloyds banking Group 2013 - 2015](#)

This position was within Self Service Systems, working on the CMAS and Common Cards application (Cobol, CICS & DB2) within the credit and debit card platform at LBG. My role requires me to develop an intimate understanding of the applications, databases and network systems with a large focus on CMAS – Cards and debit account Authorization system) that are intrinsic to the cards platform. I was chosen to pilot our teams transition to Agile and successfully delivered on projects such as Tokenisation, Apple Pay, Rest Service enablement and more.

Recent Deliveries for Lloyds Banking Group

Continuous Integration & High level Orchestration [Jenkins](#), [UCD](#), [Topaz](#), [SonarQube](#)

I have successfully designed and built our teams code Automation and as such contributed to putting our team on the bleeding edge of mainframe DevOps automation for which we have been nominated awards. My contribution includes HLC control with Jenkins, automated deployment with UrbanCode spinning up Linux servers and removing manual processes for quality control. All scripts, logic and architecture I have written and built myself.

Testing Automation & TDD [CA LISA](#), [Expeditor](#) & [Total Test](#) - *Regression testing, smoke testing etc.*

I have successfully rolled out our teams end to end regression testing pack in CA LISA, which I now am the team champion. I have configured the tool to do automated testing for all our SOAP, REST and MQ APIs. I have also enabled shift left with virtualisation (stubbing) - for which I have won recognition.

API Governance [Systinet](#), [Trouw](#) & *member of API Inner Circle*

I piloted our teams central API repository Systinet for API governance and Trouw for Data control both of which I am the champion and manage both governance and API quality.

Up Skilling

I have recently been working to help other teams reproduce our success with Devops, including creating blue-prints, setting up Linux servers and automation tools. I am currently collaborating with other teams on producing KT for UrbanCode Deploy, Topaz and IDZ. I also help with COBOL, JAVA & CICS application development.

Professional and Soft Skills

- ▶ **Adopting a customer perspective** by tracking my work and deliverables with expectations & actively highlighting areas for self-improvement I can calibrate my performance as requirements evolve.
- ▶ **Team capability building** – I frequently support my team by delivering KT in my specialist area via training sessions, presentations and collaborative work, which has also given me benefits of enhancing my network.
- ▶ **Drives process improvement** - by actively developing in areas such as repositories and documentation, I inherited responsibilities such as managing API repositories, application libraries and producing support documentation for the team.
- ▶ **Change Management & Support** - I have delivered in key parts of the change process, from coordinating changes (such as April 17.1) to overnight implementations. I have presented to PRECAB and CAB and developed a strong appreciation for process and the need to explain things in a clear & concise manner.

Awards and Recognition

Date	Achievement	Reason	Recognised By
Pending	DevOps 3 Awards	Nominated for UKs Best DevOps team	UK wide LBG
17/08/2017	DevOps POC London	Coaching DevOps transition POC with head function in London	HOF LBG
02/06/2017	1st Place LBG Hackathon	I built an intelligent banking chatbot & deployed to FB	LBG Sighthill
25/05/2017	World Deep Learning Pan-	Presented on A.I	Re-Work Global (summit)
29/06/2016	Newsletter & Hive	Cards Innovation Lab	COO and Morteza Mahjour
05/05/2016	Above & Beyond	Troux API Governance	Scott Anthony
05/02/2015	Delivering Excellence	Regression pack build	Group Operations
12/03/2015	Demonstrating our values x2	CA LISA	Payments team & HOF

Personal Pursuits

I am proficient in Machine Learning & A.I recently have built :

- ▶ Fraud Detection Neural Network
- ▶ Android Apps (Ordering, banking, transportation)
- ▶ Chatbots NLP Banking Assistant for Lloyds Banking Group

These projects and more of my work are available on my website at <https://murchie85.github.io/>

Courses & Certification

AWS - AWS Concepts 100% AWS Essentials 100% AWS Certified Solutions Architect 20%

Ansible Masters Course - Online with Udemy (60% complete)

Pivotal Cloud Foundry - Up skilling online (initiated)

Certified - AWS, COBOL, CICS, DB2, JAVA, JAVASCRIPT, PYTHON, PowerShell, PL1, Assembler & more.

Education

University of Dundee, Dundee Sep 2009 Jun 2013

BSc Physics – (2:1) Honours

Achievements: Won Physics Student Rep 4 years in a row, founded the Undergraduate Research Group.

Stevenson college, Edinburgh June 2008 June 2009

Access to Physical Sciences

Intensive access to university physics course. From a class of 24 only 3 students including myself graduated

References, Certification & Award Proof available on Demand