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🌐 [martynbristow](https://www.youtube.com/channel/UCmartybristow)
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languages

English (native)
German (learning)
Spanish (learning)

agile

♥ Agile ♥ SAFe ♥
Scrum, Kanban, lean

programming

♥ Python, GoLang
NodeJS, Scala, ♥ SQL
NoSQL, Java
♥ HTML5, CSS, L^AT_EX

cloud

♥ civo k8s
google-cloud terraform

skills

♥ Data Analysis
♥ Performance Testing
Software Development
Automation Testing
DevOps/CICD

frameworks

♥ Flask, FastAPI, React,
Bootstrap, Angular

version control

♥ git

Tools

♥ Docker, Ansible,
Jenkins, ♥ gitlab, k6
(performance), robot,
Cypress

Agile Coach | SAFe Release Train Engineer | Software Developer | Cloud Engineer. Software engineer and tester, supporting teams deliver quicker with quality!

Currently working as a development coach and Release Train Engineer, but wanting to return to a product development role, around cloud.

I'm supporting the adoption of Agile with SAFe, improving software quality through improved automated testing and using modern tools. I have a broad experience working in product, development, testing and devops.

experience

2021–present **ThermoFisher - Digital Science**

Manchester, UK

Agile Coach | GxP Compliance Support

Supporting the agile transformation of Digital Science, and delivery of Connect Enterprise as a GxP product.

I've consolidated engineering issue management into a single system, integrated with the portfolio to improve transparency of Engineering.

Coached and supported SDLC adoption, across teams to reduce compliance risks.

Achievements:

- Engineering Portfolio Management
- SDLC Coaching and Adoption for GxP compliant products
- Development of code traceability and compliance tooling for GxP
- Improvement of Engineering KPIs
- Customer service integration with Engineering toolchains

2018–2021 **BT - GES (Consultant)**

Manchester, UK

Release Train Engineer | Agile Coach

As a Release Train Engineer I've formed a new Release Train and helped them adopt SAFe, while meeting delivery deadlines. I support the Scrum Masters, developers and Product Owners through coaching and training, and facilitate PI Planning. I've run both remote and in person PI Planning sessions. I have engaged the teams to commit and deliver to plan, with consistency of 90%. My development background allows me to relate to and support the team as required. I've also worked with the client on product development, delivering lean business cases and epic hypothesis during covid-19 during temporary restructuring. I developed a concept with stakeholders and collaborated on a design with internal and industry partners and began delivery within a single program increment.

Previously I have successfully challenged conflict between the team and the business, facilitating the team to get the product live, and I have enabled the team to challenge high WIP limits. As the tester on the team I've delivered a lean performance testing tool testing a streaming application, enabling high quality performance metrics with fast turnaround.

Achievements:

- Performance Testing of Streaming Applications
- Functional Testing of Data Processing components
- Training as SAFe SPC
- Teaching SAFe for Teams
- Training colleagues in Kubernetes & Performance Testing
- Design and Delivery of new product capabilities
- Improved Flow and Value of Delivery to Business

- 2018–2018 **Martyn Coding (Contractor)** Manchester, UK
dunnhumby: Test Manager | Scrum Master
I was part of data engineering working on Apache Spark, in Python and Scala, developing GDPR solutions for Apache Hive. As scrum master to the team, I promoted agile working to improve delivery and quality, whilst reducing the complexity. I coached developers across sites promoting better use of JIRA and collaborative working. Additionally as the test manager, I prepared test plans and up-skilled the team to test code more efficiently and thoroughly.
- Achievements:**
- Testing GDPR Scala applications on Apache Spark on Google Cloud
 - Promote Agile mindset and adoption within teams
 - Managing Internship Student
- 2018–2018 **Martyn Coding (Contractor)** Manchester, UK
Dream Agility: Python Developer & Consultant|Technical Coach
I consulted with a small startup venture to help deliver a product to production. The application is a small web-app running in Google Cloud using Google services, written in Flask and celery. I provided consultation and training to the team to resolve quality and deployment issues, focusing on core user value and technical excellence.
- Achievements:**
- Promoted Automated Testing with TDD and BDD for the Application
 - Delivered a Functional Product to Market
 - Delivered a full DevOps chain to streamline Quality and Deployment with GitOps
- 2017–2018 **UK Government** Manchester, UK
Scrum Master | Software Developer
I Scrum Mastered an agile development team, supporting the team to improve through collaboration and delivering value. I used custom retrospectives to help the team continuously improve. As a senior developer on the team I supported junior colleagues to develop their Python and DevOps skills.
- Achievements:**
- Developed Puppet Modules for Automated Deployments
 - Develop Python Framework for Testing Internal Systems
 - Champion LGBT+ Inclusion within my Workplace
- 2015–2017 **Nokia/Alcatel-Lucent** Cambridge, UK
Software Test Developer
As a Software Developer & QA, specialising in content delivery, I work as part of an agile development team developing automated tests and frameworks to ensure high quality code and efficiency. I also configure and perform performance testing using Spirent, including producing analysing statistics. The work requires a good knowledge of Linux, Python and HTTP to debug issues and implement fixes. My team is currently working on a project to migrate to RedHat Linux, my role has been providing framework adoptions to support different operating systems seamlessly and ensuring software quality.
- Achievements:**
- Implementation of encapsulation of Operating System to custom test framework
 - Test failure analysis and updates for RedHat Linux
 - Performance testing HP Gen8 servers and analysis
- 2012–2015 **University of LiverpoolLiverpool John Moores University** Liverpool, UK
Lab DemonstratorDistance Learning Tutor
Supporting the Astrophysics degree as an assistant lecturer in the laboratory workshops and marked distance learning projects. Lab demonstration involved supporting students with IT issues, supporting with student experiments and tutoring & providing feedback to students.
- 2011–2015 **Livepool John Moores University** Liverpool, UK
Research Assistant - Astrophysics
Supporting research into cosmology. Producing simulations of X-ray galaxy cluster selection and developing software to support discovery of clusters of galaxies. Development of Python applications & integration with Fortran, and statistical analysis to provide understanding of selection effects of the detection pipeline software.

2016-current **Aughton Village Hall (voluntary)**

Liverpool, UK

POS Deployment

I have deployed an ePOS system using open source solutions, refurbished hardware and a RaspberryPi to deliver a customised solution well within budget.

- Deployment of ePOS System within budget
- Increase the bars profitability and branding
- Improved bookings and turnover

education

2007–2011 **B.Sc** in BSc Mathematics, Statistics & Computing [2.1] Liverpool John Moores University

Subjects Studied Include:

Database Design	Software Development
Neural Networks	Operational Research
Statistics	Mathematical Modelling

publications

2016 **Farahi et al**

X-ray Selection Function Simulations

2015 **N Mehrrens et al**

The XMM Cluster Survey The Halo Occupation Number of BOSS galaxies in X-ray clusters

2014 **H Boehringer et al**

The Local Void with REFLEX II: A large part of the work towards my thesis has contributed to this paper

interests

professional: InterEngineeringLGBT: Support inclusion and representation of LGBTQ+ individuals in Engineering. I organise our Manchester pride parade annually.

technical: Developing hobby project on Civo cloud or building on RaspberryPi

personal: Keen runner, cyclist, thai-boxer and climber

Campanologist & Volunteer ticket inspector on the East Lancashire Railway

Training & certifications

- SAFe Program Consultant (SPC)
- Certified Scrum Master
- RedHat Linux Certified Administrator

References:

Available on Request