



## contact

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## languages

English (native)  
German (basic)

## agile

♥ SAFe ♥ Scrum,  
Kanban, Lean

## programming

♥ Python  
♥ SQL, NoSQL  
Java, C/C++  
♥ HTML5, CSS3  $\LaTeX$

## cloud

♥ civo google-cloud

## skills

♥ Data Analysis  
♥ Software Testing  
Software Development  
Automation

## frameworks

♥ Flask, React,  
Bootstrap, CodeIgniter

## version control

♥ git perforce

## Data Analysis

Numpy, SciPy,  
Matplotlib

## Tools

♥ Docker, Ansible,  
Jenkins, ♥ gitlab

Driving UK Licence

## Agile Coach | SAFe Release Train Engineer | Software Developer | Cloud Engineer. I support delivering higher quality software with successful Agile teams.

As a proactive problem solver I work with clients to deliver simple effective solutions using LEAN & Agile Practises.

I'm currently supporting a SAFe adoption as a Release Train Engineer and Agile Coach & SPC. I work with agile teams, training in Agile principles & practises and SAFe methodology to deliver better software faster. As a Release Train Engineer I support the delivery of software teams through engagement with Product Management and coaching. With a developer background I'm technically proficient in linux, testing, Python and cloud including Kubernetes.

## experience

2019–Present **BT - GES (Consultant)**

Manchester, UK

*Release Train Engineer | Agile Coach*

As a Release Train Engineer I've formed a new Release Train and training in SAFe ways of working while meeting delivery deadlines. I support the scrum masters, developers and product owner through coaching and training, and facilitate PI Planning. I've run both remote and on-site PI Planning sessions. I have engaged the teams to commit and deliver to plan with consistency of 90%. My development background allows me to emphasise 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
- 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 am part of data engineering working on Apache Spark, in Python and Scala, developing GDPR solutions for Apache Hive. I serve as scrum master to the team, promoting agile working to improve delivery and quality, whilst reducing the complexity. I am actively coaching developers across sites promoting better use of JIRA and collaborative working. Additionally as the test manager, I prepare test plans and upskill the team to test code more efficiently and thoroughly. Achievements:

- Testing GDPR Scala applications on Apache Spark on GCloud
- Promote Agile understanding 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 webapp 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 using Git-Ops

2017–2018 **UK Government** Manchester, UK  
*Scrum Master | Software Developer*  
I scrum master an agile development team, supporting the team to improve through collaboration and delivering value. I develop custom retrospectives to help the team continuously improve. As a senior developer on the team I support junior colleague's to deliver Python and DevOps solutions.  
Achievements:

- Developing Puppet modules for automated systems 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. Detailed 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

2016-current (voluntary) **Aughton Village Hall** Liverpool  
*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 Mehrtens 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:** Scrum & Agile Development, Scientific Engagement, LGBT+ Inclusion (InterEngineering co-chair)

**technical:** CIVO Cloud Beta Tester for Virtual Hosting and Kubernetes

**personal:** Fitness, Cycling, Bell Ringing, Steam Railways, Travel, Cats

I enjoy developing projects on the Raspberry Pi.  
Outside of my working life I volunteer as a ticket inspector and booking clerk on the East Lancashire Railway, as I enjoy sharing this historic travel experience with people. My role isn't just tickets but providing exceptional customer service and information about the local area

## Training & certifications

- SAFe Program Consultant (SPC)
- Certified Scrum Master
- RedHat Linux Certified Administrator
- Puppet Fundamentals
- Data Analysis & Machine Learning in Python

### References:

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