



CALLUM AKEHURST-RYAN

SOFTWARE TESTER

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TALKS

[AMA Exploratory Testing – MoT \(April 2021\)](#)
[Conversations: Exploratory Testing – TestBuddy \(March 2021\)](#)
[Exploring the use of exploratory testing in modern teams – QA in London \(Mat 2020\)](#)
[Introduction to Docker – Quality Advocates \(May 2020\)](#)
[Should we all become SDITs? – iO Virtual Meetups \(May 2020\)](#)
[Testing in the DevOps World – Scott Logic \(April 2020\)](#)
[Exploratory Testing Workshop – Quality Advocates \(Feb 2020\)](#)
[How Diversity Helps Analysis – Blackmetric \(Dec 2019\)](#)
[Testing Progressive Web Apps – NE: Tech \(Nov 2019\)](#)
[Exploratory Testing Lean Coffee – Techie Brekkie \(Nov 2019\)](#)
[Testing Progressive Web Apps – Test.Bash\(\): \(Oct 2019\)](#)

PROFESIONAL SKILLS

Exploratory Testing
Headless Testing (API & WebSocket)
Test Automation
CI/CD Testing
Test Strategies and Approaches
Waterfall & Agile Project Methodologies
Team Leadership
Coaching and Mentoring
Usability and Accessibility Testing

ABOUT ME

As a test professional over the last 12 years I have undertaken roles across multiple domains where I have developed a proficiency in the pragmatic application of testing techniques within an agile environment. This includes being hands-on with testing full-stack from the GUI, through services and API layers, to the database and the code.

I'm also an active member of the testing community having spoken on a wide array of testing topics at QA meetups across the UK, ranging from a workshop introducing [testing in a DevOps environment](#), [using Docker](#) and [Testing Progressive Web Apps](#).

WORK EXPERIENCE

Senior QA Tester: Improbable

Sept 2020 – Present

Worked as an embedded tester within an Agile software delivery team on development of features within the Defence industry.

- **Shaped and rolled out exploratory testing** strategy across multiple projects including training in techniques and shift left principles and procedures.
- **Researched and implemented the use of non-functional testing tools** including K6 for performance testing and OWASP ZAP for security testing.
- **Implemented API based automation** through Postman/Newman and then later through extending Cypress tests.

Senior Tester: Bloom & Wild

Jun 2020 – Sept 2020

Worked as an embedded exploratory tester within an Agile software delivery team on development of features for A/B testing on a commercial website.

Senior Test Engineer: Scott Logic

Sept 2018 – Jun 2020

Software testing consultant working across many projects, advising on testing techniques and enacting different types of testing across FinTech and government.

- **Shaped and informed testing strategy** across multiple client projects through pragmatic suggestions to inform on quality.
- **Focus on both back and front-end testing** including API & WebSocket traffic, UI and branding, accessibility, integration and unit testing.
- **Provided education and coaching in testing techniques** through creation and running of training materials as well as face to face mentoring.

Quality Engineer: eBay UK.

Jan 2018 – Sept 2018

Served as an embedded tester within an Agile software delivery team on development of features for a leading shopping website.

- **Improved exploratory testing** including identifying and executing test charters and pairing with developers to provide early feedback of quality.
- **Risk analysis of project work** including working with product owner and developers to provide a view of risk for upcoming work and development of risk maps for work in progress.

Test Lead / Team Lead: NICE Ltd.

Dec 2015 – Jan 2018

Served as a key member of a software delivery team as the lead tester and SCRUM Master on development projects for public safety software.

- **Leadership of an Agile team** including facilitation of team ceremonies and resolving team blockers.
- **Implementation of manual exploratory testing approach** using test charters based upon user stories.
- **Development and ownership of test materials** including the Test Approach and Test Reporting KPIs which were rolled out to other projects as a project standard.

Test Analyst: Omnicore Group

Sept 2014 – Dec 2015

Worked on teams developing POS systems, including mobile solutions. Performed functional, integration, E2E and regression testing and provided developer teams with detailed reports on quality metrics, identified defects and recommended fixes.

- **Implementation of UI based test automation** via the Eggplant tool allowing for regression testing to be performed faster for each release.

QUALIFICATIONS

PRINCE2 Project Management: Practitioner

License P2R/786179 (APMG International)

PRINCE2 Project Management: Foundation

License P2R/786179 (APMG International)

ISEB Software Testing: Intermediate

License 990282465 (BSC)

ISEB Software Testing: Foundation

License 8129814 (BSC)

TECHNOLOGIES

AWS

Blockchain

CA Clarity

Cypress

Docker

Docker Compose

Eggplant Functional Automation Tool

GitHub

HTML5

HP Application Lifecycle Management (ALM)

HP Quality Centre

iOS

JavaScript

JIRA

K6

Kibana

Linux

Microsoft Team Foundation Server (TFS)

OWASP ZAP

Postman

Selenium (Nightwatch)

SOAP UI

SQL

Windows

Test Consultant: TSG

Mar 2014 – Jul 2014

Provided consultancy on existing development projects for a client within the banking industry. Performed functional testing from scripted tests in Quality Centre and developed test reporting based on data collected from ALM.

- **Created comprehensive training materials** detailing how to test complex project software processes which were circulated to the project team.

Test Analyst: Cisco Systems

Oct 2012 – Mar 2014

Worked within a dedicated test team providing testing of broadcast solutions. Performed functional and integration testing and helped to implement E2E testing practices.

- **Linux based test environment management** including import and set up of test data through Oracle database snapshots.
- **Writing and review of test management documentation** including project test strategy, detailed test plans and customer site testing approach documentation.
- **Introduced the team to end to end test practices** including test analysis to provide requirements coverage and standardised stakeholder reporting.

Test Lead Consultant: Capita

Oct 2011 – Oct 2012

Worked across multiple projects in a large transformation program for a financial industry client providing leadership and support to teams of offshore testers.

- **Leadership of offshore testing teams** including task allocation, progress reporting, provision of system knowledge training and guidance on best practices.
- **Writing and review of test management documentation** including statements of work, detailed test plans, detailed resource estimates and progress reports.
- **Provided initial test analysis for the project** by defining data variable led test scenarios based on system architecture documentation to facilitate offshore functional and customer UAT testing.
- **Provided a key contact point** between onshore project team and offshore test analysts.

Project Portfolio Analyst: Skandia

Jan 2011 – Oct 2012

Served as a key member of the PMO for the business change delivery function of a large pensions and investments supplier providing key decision-making MI for £5 billion worth of change projects.

- **Implementation of a standardised project management tool (Clarity)** across all projects allowing for centralised management of budget and resource, including training of all project personnel in the UK, France and Italy.
- **Design and distribution of monthly project MI reports** distributed to business executives to track change portfolio budget, resourcing and deviations from estimates.

Project Coordinator: Skandia

April 2010 – Jan 2011

Supported several projects within a pensions and investments supplier including ownership of project budget reporting, management of the risks and issues logs and facilitating project workshops using Agile facilitation techniques.

Test Analyst: Skandia

Nov 2007 – April 2010

Worked on teams developing software for financial systems including data migration and transformation projects. Performed functional, UAT, regression and performance testing using test scripts and scenarios and provided developer teams with detailed reports on quality metrics, identified defects and recommended fixes.

- **Preparation and execution of test scripts** for multiple levels of testing using the

EDUCATION

University of Leicester

Sept 2003 – July 2006

BA Combined Studies (Hons): Psychology and Sociology

Queensbury Upper School

Sept 1998 – July 2003

A Levels: Psychology, Chemistry, Biology

A/S Level: Physics

9 GCSEs Grade A – C: Including English, Maths & Science