

Matthew Cunliffe

Test Manager/ Senior Test Analyst (Contract)



Contact Details

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Profile

I am a highly experienced test professional with over thirteen years' experience in testing. I have a wide understanding of system and integration testing, as well as a fundamental knowledge of the entire Systems Development Lifecycle which I have put to good effect in all the projects in which I have been involved. I hold both the **ISEB Foundation** and **Practitioner** certificates in Software Testing as well as the **PRINCE2 Foundation** certificate. I am extremely versatile, and am able to work in a number of different roles, from Test Manager to Team Lead or Technical Test Analyst.

I have a strong working knowledge of multiple programming languages and SQL which I have utilised to produce numerous **test harness**, metric gathering and dashboard utilities. For most of my contract work I have developed the proprietary test reporting applications for use on each project. On my last two projects, I have integrated the reporting application with HP Quality Centre or Mercury Test Director to retrieve data directly, in order to present a holistic view of the projects to senior management.

I have a methodical view to the development of full lifecycle test documentation adhering to commonly utilised standards. I have worked in national and local government, energy and financial sectors.

Career History

Experian: Mort Project, BIQ Project, Nottingham

January 2011 – To Date *QA Manager, Quality Assurance Lead (Contract)*

Experian are currently carrying out a refresh of internal technology. I have been responsible for helping to implement process improvements across the entire project, driving quality through early inspection of documentation, and introducing new processes and procedures during the development and test phases. This has also involved travel to visit the supplier site in Bengaluru, India in order to manage and audit the Systems Development Lifecycle. I have also managed the Performance test phase for the entire project.

I developed the dashboard utility used across the System and User Acceptance test phases for the project, automating the retrieval of data from Test Director and presenting key metrics for use at Programme level.

Recently I have initiated the QA and test processes for the BIQ project, implementing key quality gates in order to ensure rigorous and timely validation of requirements prior to development and test.

Skills Area

- Quality Assurance
- Full Test Documentation
- Performance Test Management
- Project Planning
- Team Management
- SDLC Management
- Project Initiation

Key Skills

- IBM Optim
- Mercury Test Director 8
- Microsoft Office 2003
- Microsoft Project 2007

Capita: Learner Support Programme, Birmingham & Coventry

Dec 2008 – Oct 2010

Senior Test Analyst, Team Leader (Contract)

Capita took over the running of the Learner Support Programme run by the Young People's Learning Agency to promote learning and training. I was involved from the start of the project, producing test strategies, test plans, cases and scenarios, and completion reports.

I have also produced and maintained the test metrics application using VBA to integrate with HP Quality Centre, and have worked on Proof of Concept for use of QuickTest Pro with the .NET WPF and Oracle SOA development approach originally used as part of this project.

I worked closely with the Test Manager in the management of the test process, planning and allocating work and identifying resource and technical requirements, and have managed a small team to co-ordinate testing of a delivery stream.

I have also assisted in the Business Analysis and Systems Analysis process as a subject matter expert, as well as with the Technical Design Architects in the design of the physical architecture.

Skills Area

- Environment Management
- Full Test Documentation
- Functional Testing
- Management Information Systems Testing
- Project Planning
- Regression Testing
- Team Management
- Web Testing

Key Skills

- .NET Framework (1.0, 1.1, 2.0, 3.5)
- Cognos 8
- HP Quality Centre 9
- HP QuickTest Pro 10
- MS Project 2007
- MS SQL 8.0.124
- MS Windows Presentation Foundation
- MS Windows 2000/2003 Server
- Oracle 10g, 11g
- Oracle Forms
- Oracle SOA Suite 11g
- SOA Architecture
- SOAP interfaces
- SOAPUI
- Toad
- Web services and APIs

Capita: Congestion Charging Scheme, Coventry

Jun 2002 – Oct 2009

Senior Test Analyst (Contract)

Capita ran the Congestion Charging Scheme on behalf of Transport for London from its inception to October 2009. My roles have been wide and varied, and have required me to produce full lifecycle documentation such as test strategies, plans, cases and scenarios, execution logs and completion reports.

My main tasks involved functional, sanity, regression, and integration (in the small and large) testing on .NET based web products together with UNIX based terminal applications and financial applications. I have been involved in managing the test environments; resolving issues with .NET framework based applications; and have written test harnesses in VB.NET (2.0) for use with the system. I have also produced and maintained the test metrics application used to derive the daily reports on the test phases.

I have tested non-functional areas such as system management, security, disaster recovery, volume and performance, and management information systems, as well as functional and business acceptance testing.

I have played a part in the day-to-day management of the testing process for the Congestion Charging Scheme, producing and maintaining the metrics for a given phase, interviewing job candidates, and managing a large team of test analysts, together with substantial liaison with

the business, database analysts, programmers and operational support. I was also instrumental in developing the automation strategy and plans, and developed the initial sanity testware in Winrunner. Further, I was significantly involved in producing technical specifications for changes to existing software.

Skills Area

- Automated Regression Testing
- Development of test harnesses
- Environment Management
- Full Test Documentation
- Functional Testing
- Management Information Systems Testing
- Non-functional testing
- Performance, Volume and Stress Testing
- Regression Testing
- Security Testing
- System Management Testing
- Team Management
- Web Testing

Key Skills

- .NET Framework (1.0, 1.1, 2.0)
- BMC Patrol
- Cognos 7 and 8
- IBM DB2
- IBM Websphere
- IVR / NCTI
- Mercury Winrunner 7.5
- MS Message Queuing
- MS SQL 8.0.124
- MS Windows 2000/2003 Server
- Oracle 9i and 10g
- SOAP interfaces
- Toad
- Web services and APIs

Renewable Energy Company, Stroud

Mar 2002 - Apr 2002

Test Manager/Lead Test Analyst (Contract)

The Renewable Energy Company is a small electricity producer utilising wind farms. My role was to manage, produce and execute full system testware for a customer quotation system.

Logica ESIS, Nottingham

Sep 2000 – Aug 2001

Lead Test Analyst (Contract)

Primary tasks involved system testing the integration of interfaces between NT and VMS, AIX and Solaris using Oracle, Java and Iona Corba middleware to Oracle databases. I was also responsible for overseeing and developing the testing requirements for performance and volume testing of the e-evaluate application. I was involved in developing viable test data for system test validation.

I was involved in liaison with third party suppliers when required to ensure optimal performance of the third party product.

Clerical Medical, Bristol

Mar 2000 - Sep 2000

Test Manager/Test Analyst (Contract)

My primary tasks involved the management of the test and application build team and Development of test stratagem and documentation. I was also responsible for managing product issues and product control. I also developed and maintained the project tracking database. I was responsible for managing product issues and product control.

Environment Agency, Bristol

Apr 1998 – Feb 2000

Test Analyst (Contract)

I was involved on the Environment Agency Year 2000 Programme, performing system, integration and acceptance testing using manual and automated testing products. I also performed a QA role validating third party suppliers' testware and products. I assisted in the

development of a regional self-certification procedure and developed and maintained an application tracking database.

Skills Summary

- **Miscellaneous Software**
 - Microsoft Office 2003,2007, 2010
 - Microsoft Project 2007, 2010
- **Programming Languages**
 - C / C++
 - Clipper
 - Fortran
 - GWA Basic
 - HTML
 - Java
 - JavaScript
 - Microsoft Visual Basic
 - Microsoft Visual Basic for Applications
 - Microsoft Visual Basic .NET
 - PHP
 - PL/SQL
 - QBasic
 - SQL
 - Unix Korn Shell programming
- **Database Software**
 - Microsoft FoxPro for Windows & DOS
 - Oracle Developer 2000
 - Oracle Forms (Character & GUI)
 - Oracle SOA Suite 11g
 - IBM Optim
 - Oracle 6.x, 7.3.x, 8.0i, 9.0i, 10g, 11g
 - Microsoft Access 2.0 – 8.0
 - DataEase 4.53 – 5.15i
 - Microsoft SQL Server 8.0.124
- **Management Information Systems**
 - Cognos 7 & 8
- **Middleware**
 - Iona Corba
- **System Management**
 - BMC Patrol
- **Test Tool Software**
 - HP Quality Centre 9
 - HP QuickTest Pro 10
 - Mercury Test Director 6 & 8
 - Mercury WinRunner 6 & 7.5
 - PVCS Tracker
 - Rational Clearquest
 - SOAPUI
 - T.O.A.D.
- **Operating Systems**
 - DOS
 - IMB Mainframe
 - Linux (Red Hat, SUSE, Mandrake)
 - Novell Intranetware 3.12, 4.11 & 5.0
 - Unix AIX, Solaris, HP-UX, BSD
 - VMS 7.1
 - Windows 3.x, 9x, NT 4.0, 2000, 2003, 2008, XP, Vista, 7

Training

- PRINCE 2 Foundation Certificate (certificate number: 02527980-01-7Q1B)
- Red Cross First Aid at Work (expires: 3rd August 2013)
- ISEB Practitioner Certificate in Software Testing (certificate number: 11841)
- ISEB Foundation Certificate in Software Testing (certificate number: 6407)
- Mercury Test Director 6
- Introduction to Mercury WinRunner and Advanced Mercury WinRunner

Educational Qualifications

- 1996-1997 *MA in European Political and Economic Integration*
University of Durham
- 1992-1995 *BA (Hons) in European Studies with French*
University of Durham
- 1987-1992 *A Levels in French, German and History*
King's School, Worcester