

Curriculum Vitae

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Introduction

Over 10 years of international commercial automation experience with global organisations; including Lehman Brothers, Siemens, New Zealand Lotteries Commission, Zurich Insurance, Unisys and iPSL.

I am seeking an opportunity to become part of a professional team, engaged in a technically challenging area of IT.

Following a wide-ranging experience in testing, my main specialism is in test automation - particularly in respect of HP/Mercury functional test tools (WinRunner/QuickTestPro), performance test tools (LoadRunner) and test management tools (Quality Center/TestDirector) along with the recently introduced Microsoft Visual Studio Test Professional 2010 suite.

However, I am keen to broaden my knowledge and build on my existing skills and experience to date.

My extensive technical knowledge encompasses a diverse range of products and technologies including:

Skills Matrix

Product/Technology	Version(s)	1	2	3	4	5	Knowledge/Experience
LoadRunner	7.51/7.6/8.0/9.1/9.5/9.52				✓		1 = Basic (1 year)
QuickTest Professional	5.02/6.5/8.2/9.1/9.5/10.0					✓	2 = Working (2 years)
Visual Studio Test Professional	2010 (Beta/RC/RTM)			✓			3 = Intermediate (3 years)
WinRunner	7.01/7.5/7.6/8.0/8.2/9.2					✓	4 = Advanced (4 years)
Quality Center Server (Admin)	8.0/8.2/9.0/9.2/10.0/11.0				✓	✓	5 = Expert (5 years+)
Quality Center (BPT/BPM)	8.0/8.2/9.0/9.2/10.0/11.0				✓		
TestDirector Server (Admin)	6.0/7.01/7.2/7.5/7.6/8.0					✓	
TestDirector	5.01/6.0/7.01/7.2/7.6/8.0					✓	
Sitescope	7.6/8.0/9.0/9.53/10.0				✓		
StarTeam Server (Admin)	6.x/2008					✓	
StarTeam	6.x/2008				✓		
Team Foundation Server	2010 (Beta/RC/RTM)		✓				
MS SQL Server	6.5/7.x/2000/2005/2008				✓		
Oracle PL/SQL	9i/10g	✓					
DB2	8.2/9.1/9.2/9.5/9.7		✓				
MS Access	97/2000/2003/2007/2010			✓			
Windows NT	4.0/2000/2003/2008(R2)				✓		
Windows O/S	3.1/95/98/ME/XP/VISTA/7					✓	
Linux	2.2.0/2.4.0/2.6.28			✓			
Unix	2.6.9-42/5.0i/6.5.8		✓				
VMWare (Fusion/Work/Server)	2.0.4(Fusion)/6.5.2/2.0.1			✓			
Windows Scripting Host (WSH)	All Windows Platforms					✓	
Visual Basic Script	5.0/5.5/5.6				✓		
Visual Studio (C#/C++)	6.0/2003/2005/2008/2010			✓			
Visual Studio (Coded UI)	2010 (Beta/RC/RTM)			✓			
.NET Framework Silverlight	1/1.1/2/3/3.5/4 2/3		✓				
XML/XHTML HTML	1.0/1.1 3.2/4.01/5				✓		
WebServices SOAP WSDL	1.1/1.2 1.1/2.0				✓		
Java JavaScript JSON/JRMP	1.1/2.0 1.8.1/1.9.3			✓			
Flex (Flex/FlashBuilder)	2.0.1/3.0.2/4.0.x(b1 & b2)			✓			
Control-M	6.2/6.3			✓			
Communication (Protocols)	IP v4/6, SIP, H323, H450, G723, G721, RTP, RTSP, PPP, SLIP, LDAP, TCP, QoS			✓			
SAP	ECC6/XI3/PI7/CRM7/GUI7.2		✓				
Office/Project/Viso	95/97/2K/XP/2K3/2K7/2010					✓	

Professional Engagement Summary

<p>New Zealand Lotteries Commission 117 Khyber Pass Road, Grafton, Auckland, New Zealand.</p> <p>Position: Permanent</p> <p>Skills Overview: LoadRunner, QuickTest Pro, VBS, Quality Center (Administrator), Adobe Flex, Unix, SiteScope, CMS (Sliverstripe), Resin (Restful), Java (JSON/JRMP), VMWare (Server/Workstation), Windows 7, Google Analytics, SVN, .NET 4.0, IIS, Apache, JBOSS, Oracle, DB2, Postgresql, SQL Server 2005/2008.</p>	<p>Quality Assurance – Performance / Automation (Interactive) (March 2009 ~ May 2010)</p> <ul style="list-style-type: none"> - Brought in to design, develop and maintain an advanced framework based in QuickTest Pro which utilised a Hybrid Keyword Data Driven Automation Framework methodology. - Built using Descriptive Programming & regular expression logic to create dynamic object repositories for rigorous, robust, maintainable and highly repeatable testing of Web 2.0 content (Flex 2.0.1 3.0.2 4.0.x beta 1 & 2) technologies. - Extensive Performance and Stress Testing using LoadRunner 9.52 including the creation of Detailed Script Definitions (DSD), Load Test Scripting, Execution of Load Tests, Results Analysis & Risk Evaluation in preparation for the biggest guaranteed Lotto Jackpot in NZ history \$36.1m. - Detailed backend monitoring through SiteScope 10.0 in a UNIX environment providing real-time stats for IBM X Series including the DB (DB2 9.7) web/application servers (JBoss 4.2.x). - Introduction of BPT technologies introduced through Quality Center 10.0 combined with QuickTest Pro 10.0 to provide additional real time reporting via Dashboard, version control and a completely integrated Keyword Driven Framework built directly into Quality Center (shared VBS code libraries, functional/load test scripts and master driver files). - Creation process documentation for Quality Center, LoadRunner & QuickTest. - Primary Administrator for the companies Quality Center server. Responsible for all project customisation, site administration and the daily backup & restore via NetBackup. - Distributed execution through virtualisation technologies using VMWare to provide multiple simultaneous distributed platforms for extensive regression testing deployment. - Responsible for the delivery of both the Enhanced Draw Experience / Bullseye projects the biggest change to the interactive platform www.mylotto.co.nz (30,000+ hits per day).
<p>Lehman Brothers 25 Bank Street, Canary Wharf, London, United Kingdom.</p> <p>Position: Contract</p> <p>Skills Overview: QuickTest Pro, WinRunner, Quality Center, JIRA, Web services, WSDL/WCF, SOAP, .NET Framework 3.0/3.5, VBS, C#.Net., LINQ, XML/XSD, XMLSpy, Visio UML, SVN, IIS, Oracle, SQL Server 2005.</p>	<p>Automation Tool Framework Architect (March 2008 ~ December 2008)</p> <ul style="list-style-type: none"> - Responsible for developing production level WinRunner & QuickTest Pro using Hybrid Keyword Data Driven Automation Framework to migrate loans on to a mortgage platform (Summit) which required enterprise level reliability achieved through advanced error handling and parameter verification against a Common Data Model (CDM). - Liaising with business and systems analysts to establish comprehensive requirements definition directly into Quality Center including business process modelling (BPM). - Creation of non-standard WSDL/SOAP connectivity using the secure WebServices technologies to process and request SOAP messages in XML followed by importing the data structure into a readable format. - Supporting the full mortgage lifecycle including transaction processing and advanced real-time reporting through Funnel Visualization techniques. - Generation of generic tool frameworks to process complex data models and lookups to verify data entry and generation via the TE Loader. - Working directly with the Lehman development department to support both Agile & test driven software development lifecycle methodologies to achieve time boxed goals. - Raising production/UAT faults in JIRA and working with development to resolve them. - Providing advanced training for Quality Centre, QuickTest Pro & WinRunner for both the Mortgage Capital Division(MCD) & fixed income.
<p>Intelligent Processing Solutions Limited (iPSL) 100 Pavilion Drive, Brackmills, Northampton, United Kingdom.</p> <p>Position: Contract</p> <p>Skills Overview: WinRunner, QuickTest Pro, Quality Center (Administrator), StarTeam, VBS, Control-M, SOAP, NetBackup, .NET Framework 3.0, SiteScope, SQL Server 2000.</p>	<p>Automation Tool Architect (July 2005 ~ March 2008)</p> <ul style="list-style-type: none"> - Providing Advanced WinRunner & QuickTest Pro solutions using Hybrid Keyword Data Driven Automation Framework. - Creation of complex VBS scripts to provide automated real time alerting of the live environment through reporting from BMC Control-M enterprise manager to the Centauri Early Warning System Dashboard in the LIVE environment. - Responsible for server management for Borland StarTeam & HP/Mercury Quality Center. - Deploying generic reusable Automation frameworks across a number of completely different technology platforms & web based technologies (e.g. SOAP/.NET) using the same framework. - Conducted evaluation and introduction phases for the implementation of Quality Center within the organisation (creation of the evaluation & business case documentation). - Managing the multiple bank projects (Barclays, HSBC, LTSB, HBOS) and their individual requirements for customising Quality Center databases/interfaces to provide the complete testing lifecycle solution.

<p>Unisys Corporation Tongwell Street, Fox Milne, Milton Keynes, United Kingdom.</p> <p>Position: Contract</p> <p>Skills Overview: WinRunner, TestDirector (Administrator), .NET Framework 1.1/2.0, MSAccess, Visual SourceSafe, Unix, Synergy CM, XML, XPATH, SiteScope, ASP.</p>	<p>Product Test Automation Specialist (July 2003 ~ July 2005)</p> <ul style="list-style-type: none"> - Solo responsibility for the complete Test Automation process, architecture & solutions within the Testing Authority team for the company wide approach to Test Automation. - Successfully managed the complete Automated Test Lifecycle Methodology (ATLM) for the Payment Information Engine software product line based on .NET technologies. - Extensive use of WinRunner to create a Keyword Driven Automation Framework to provide a complete comprehensive automated end to end regression solution. - Design & implementation of reusable modules supporting advanced error/object handling. - Responsible for a team of WinRunner developers (1 to 5) throughout all stages of the software development lifecycle (SDLC) process. - Responsible for the implementation of TestDirector into the business and providing users with training across sites. - Providing real-time results and reporting by linking WinRunner to TestDirector and also exporting data to Microsoft SharePoint Services using various output formats such as XML with SmartTags. - Conducting companywide functional testing tool (WinRunner) training courses.
<p>Zurich Insurance Zurich House, Stanhope Road, Portsmouth, United Kingdom.</p> <p>Position: Contract</p> <p>Skills Overview: WinRunner, LoadRunner, Web Sphere, Java, XML, TE, IBOS, IBM MQ Series, DB2, SiteScope.</p>	<p>Product Test Automation Developer (Jan 2003 ~ July 2003)</p> <ul style="list-style-type: none"> - Engaged as a freelance consultant, I was intensively involved in the development of Data Driven Automation Frameworks for Zurich's online processing of UK motor claims. - Brought in by IBM to make up the test solution team (listed on the IBM HOT contractors list). - Extensive use of WinRunner to create comprehensive regression test packs featuring claim creation and validation, payments, negative testing and end-to-end 'sanity' testing. - I designed & implemented my own adaptation of a sophisticated test engine to facilitate overnight execution by restoring & resuming the script from any point together with advanced error/popup handling. - Involved in performance load testing using LoadRunner 7.51 using the Java Vuser protocol. - Successful management & primary point of contact for both the UAT & QA environments. - Problem identification of server related faults via diagnostic tools. - Solving process/service related issues with IBM-P690 Regatta RS/6000 servers - ranging from App & Server loader/controller, Web Sphere or data connector problems with Unix ~ AIX.
<p>Blue Arrow 800 The Boulevard, Capability Green, Luton, United Kingdom.</p> <p>Position: Contract</p> <p>Skills Overview: WinRunner, LoadRunner, TestDirector (Administrator), Sitescope, Web Testing.</p>	<p>Senior Test Automation Analyst (August 2002 ~ January 2003)</p> <ul style="list-style-type: none"> - Departmental Procedures and Standards: I successfully redesigned and implemented a comprehensive range of test strategy, specifications & reporting templates. I also completely revised the best practices & standards for various test methodologies and procedures. - Development of Automated Test Scripts: I spearheaded the use of WinRunner & TestDirector and subsequently provided comprehensive departmental training for procedures. - Involved in business process Improvement & Optimisation. - Deployment of Mercury Suite (TestDirector & WinRunner) within the business including administration & customisation along with client/server license management. - Load performance testing: Use of LoadRunner to exhaustively test the recently introduced www.medacs.com and applications prior to its release to the 200+ branches within the UK.
<p>Siemens Communications Technology Drive, Beeston, Nottingham, United Kingdom.</p> <p>Position: Permanent</p> <p>Skills Overview: WinRunner, TestDirector, QuickTest Pro, Abacus, Rational Robot, SilkTest, Silverstream, SAP, IP, SIP, H323, H450, G723, G721, RTP, RTSP, PPP, SLIP, LDAP, TCP, QoS.</p>	<p>Product Test Automation Engineer (July 2000 ~ July 2002)</p> <p>Responsible for:</p> <ul style="list-style-type: none"> - Development of automated test solutions using WinRunner & TestDirector; - Implementation of Modularity Driven Automation Framework into Siemens UK. - TSL development including coding reusable modules, functions & libraries to custom bespoke case engine. - Development & testing of various Voice Over IP products: Server, gateway, client & IP phones. - Evaluating Test Automation tools including QuickTestPro, Rational Robot & SilkTest. - Installation and configuration of network resources to create test environments: e.g. primary domain controllers, remote access servers & gateways. - Creating fault reports & working as a team with other departments to correct faults. - Onsite customer problem solving and analysis. - Test Automation & Technology Watch Liaison.




Education

BSc (Hons.) Computer Systems (High Performance Computing)		Nottingham (September 1998 ~ July 2001)
1 st Year Subjects	2 nd Year Subjects	3 rd Year Subjects
Business & Professional Development Introduction to Information Systems Software Implementation 1 & 2 Computer Technology Applied Maths Data Modelling & Database Design Developing Group Interaction Skills Language Implementation & Design	Computer Architecture Computer Systems Distributed Systems Operating Systems Systems Methodologies Data Structures Real Time Signal Process International Studies Economics in Business	Artificial Intelligence 1 & 2 Image Processing Human Computer Interaction Parallel Computing Software Quality Computer Vision & Pattern Recognition Global Technology and Society Multimedia Systems Real-time System Design
Final Year Project Dissertation – ‘Automation IP Based Help Interface’ 73% (First Class)		Final 2 nd Class with Honours

GNVQ Advanced Information Technology		Rother Valley College (September 1996 - July 1998)
1 st Year Subjects	2 nd Year Subjects	
Communications and Networking Database Development (Distinction) Event Driven Programming in a WIMP Environment Information Technology Projects and Teamwork (Distinction) Information Technology Systems Microcomputer Components (Distinction) Object Oriented Programming	Operating Systems & Technical Support (Distinction) Organisations and Information Technology Procedural Program Design (Distinction) Procedural Program Production (Distinction) Software Tools System Analysis (Distinction) Using Application Software (Distinction)	

G.C.S.Es	Wickersley Secondary School (May 1996 - June 1996)
12 at grades A-C	

Courses	Certificates
Microsoft Visual Studio Test Professional 2010 - (May 2010) Enhance ALM (Anthony Borton) – Sydney, Australia Agile Software Development - (March 2010) PlanIT (Shane Parkinson) - New Zealand WinRunner - ATE (Automated Test Engine) - (May 2001) Siemens (D. Dubovsky) - Boca Raton, Florida	Certified Product Specialist (CPS) WinRunner 7.0 (Advanced – Client/Server) ISEB Foundation Certified Microsoft Certified System Engineer (MCSE)

Professional Affiliations	Conferences & Publications
<ul style="list-style-type: none"> ➤ Associate Member of the Institution of Electrical Engineers (AMIET) ➤ Member of the Institution of Analysts and Programmers (MIAP) <ul style="list-style-type: none"> ➤ Member of British Computer Society (MBCS) ➤ Member of the Specialist Interest Group in Software Testing (SIGST) 	<p><u>ANZTB 2010 – Test Conference in Melbourne, Australia</u> “Hybrid Keyword Data Driven Automation Frameworks” 1hr Presentation (Technical Techniques Track)</p> <p>“Test Automation Experiences” – Chapter on the evolution of the “Hybrid Keyword Data Driven Automation Frameworks” (scheduled for publication on the 30th September 2010)</p>
  	<p style="text-align: center;">Referees</p> <p style="text-align: center;">AVAILABLE ON REQUEST</p>