



ICS DreamTeam Member No 2287 CV

Profile:

Experienced Contract Test Professional. Systems, Functional and UAT Testing, utilising manual testing and computer aided software testing tools. Strategic and detailed test planning, management and execution utilising tools is his main area of skill, experience and interest. Worked extensively in structured environments testing large projects and across the full development lifecycle. Experience in telecoms, pharmaceutical, oil trading and financial institutions, working for industry leaders in all sectors

Technical Skills Summary:

O/S: Mac OS X, 2000, XP, NT 3.51/ 4.0, Novel, UNIX (HP, SOLARIS), IBM AS400, OS2,
Office Apps: MS Office (Word, Excel inc VBA & Macros')
Test Tools: Rational: TestManager, Robot, TestStudio, ClearQuest, Requisite Pro.
Mercury Interactive: Test Suite (TestDirector, WinRunner)
CompuWare: Automator QA Run
Segue: Quality Works (Partner, Organiser)
General: SQL, MS Office Automation (VBA), Visual Basic, HTML, ORACLE, SQL Server, MQ Series, TUXEDO, Reflection, TANDEM, PCMS, VSS, ClearCase,

Work Experience:

From – To: April 2009 – Present
Freelancing as tester for small IT companies

From – To: August 2006 – April 2009
Role Title: Senior Test Lead

Description: AVH specialises in the supply of vehicles to drivers with various disabilities – wheelchair accessible, hand and foot controls etc. AVH work primarily with Motability, insurance and credit hire companies as well as various charities, Primary Care Trusts and anyone involved in the provision of services to drivers with disabilities. In addition, they provide private vehicle hire to members of the public.

Responsibilities included:

- Oversaw introduction of on-line booking system that enables multiple account organisations to book initial requests and track hires through to termination maintaining a full audit trail
- Syrinx® - Rental Management Software used in house to maintain contracts, accounts, hire fleet, invoicing, vehicle purchases, registration, maintenance and sales. Administration, reporting and CRM.
- Testing involved development of suite of automated scripts to allow for the full workflow to be replicated.
- Management and end users largely non IT-literate. Therefore data-driven approach was adopted to allow for easy compilation of test data via spreadsheets exported to .CSV files to be used as input to drive automated scripts (Rational Suite)

- Maintained large repositories of test data representing end user (corporate) accounts (including set-up and registration), vehicle information and maintenance, disability adaptations and transport logistics.
- Syrinx system regularly updated with patches, user requested updates and functional enhancements. Modular approach used to develop test suite made it easy for user defined functional and non-functional tests to be added to test suite and executed at short notice.

Skills Used: HTML/PHP front end to online booking system, Access database, later exported/upgraded to SQL Server database back end.
Syrinx® - Rental Management Software run on Windows XP (later Vista)
Testing: Rational Suite, MS Excel, SQL Server

Customer: Adapted Vehicle Hire

From – To: December 2005 – August 2006
Sabbatical.

From – To: April 2004 – December 2005

Role Title: Senior Test Lead

Description: Worked in Group Risk Technology division on a number of Credit and Market Risk systems including:

Developed proof of concept Automated Test Harness for major in-house upgrade to HSBC Credit Risk Exposure calculation system.

Co-developed, tested and supported Test Harness used to UAT updates to above HSBC Credit Risk Engine. System interfaced with multiple Front and Back Office systems and Product (Deal) Types. This enabled business users to quickly and efficiently collate test data for complex batch runs of the system using scaled down (but live) data sets.

Co-Developed, tested and supported Excess Reporting system for the Credit Risk Management team

Tested and supported system designed as an Add-On Calculator to a Limit Excess Management system.

Administered issue reporting/tracking system utilising Mercury Quality centre Authored User Guides and carried out user training in all aspects of the above mentioned systems.

Worked extensively with both Front and Back office Systems development and support teams as well as business users.

Provided expertise and advice on the uses of automated Testing for a number of associated projects within the department.

Skills Used: MS SQL Server, XML, XPath, Sybase, Oracle, Java, MS .Net Framework, Web sphere, ClearCase, AS400, Mercury and IBM/Rational Test products.

Customer: HSBC CIBM

From – To: April 2002 – March 2004

Role Title: Test Analyst (Manual & Automated): (Rational/IBM Automated Tool Set & Compuware QA Run)

Description: The NextGen programme was created as a catalyst for delivering business and systems change for the Oil Performance Units within Integrated Supply and Trading (IST). The scope of NextGen encompasses business processes spanning deal Capture through to financial settlements and accounts, recording all Entrepreneurial trades, both paper and physical.

- His role was to carry out functional testing as well as provide Automated Test solutions to testing throughout the development (including the varying stages within the life cycle) of a range of products (legacy and 4GL, including Java, DHTML, UNIFACE), as well as providing support and consultation.

- NextGen is a global BP program and as such he worked closely with Analysts and support personnel in London, Cantera (Chicago) and Singapore to develop an Automated Test Harness that has rolled out to, and is in use by, all Sites involved in the program.
- The Test Harness is dynamic and evolves with the program. It is used by developers, analysts and testers to carry out Unit, System, Integration, Regression and UAT testing.
- As a direct result of exposure to the Test Harness, changes were implemented to the development standards and work practices in order to facilitate Test Automation, which is now used extensively within the NextGen program.
- The Harness is Key Word Driven. Users require no automation experience and automation is generated dynamically based on Keyword Input Templates developed for each system/application. This enabled BP to utilize non-automation literate resources (analysts/manual testers/developers) with intimate knowledge of systems/applications under test, in the generation of automated suites.
- The single Harness is used across all three locations (London, Cantera & Singapore)
- In addition, manual functional testing (system & integration) was carried out on JAVA (J2EE), Web based and legacy (Reflection) system components. This involved planning, deriving test cases from Use Case and technical documentation, test execution and defect tracking.

Customer: BP Oil IS&T (NextGen)

From – To: January 2002

Role Title: Consultancy (Rational Automated Tool Set)

Description: Hired to work on large Oracle Forms/Java project carried out on behalf of the Metropolitan Police. Large automated test effort (200+ scripts) had ceased to function during site testing. Cedar needed expertise in order to:

- Review application and scripts in order to identify cause of failures
- If possible carry out remedial steps in order to get scripts functioning again
- Report on reasons for failures and put forward recommendations on ways forward
- Extremely tight time scales meant there was only one week to complete the work
- Carried out assessment of both application and test scripts (installation/configuration) and identified problems.
- Corrected and successfully ran core scripts to ensure basis for corrective actions was sound.
- Reported to UK Development Manager with findings and recommendations.

Customer: Cedar Plc Orbis House Chord Business Park London Road Godmanchester Cambridgeshire PE29 2BQ

From – To: August 2000 – December 2001

Role Title: Integration Testing Coordinator – Lead Test Automation analyst

Description: The Joint Venture between Merrill Lynch Investment Bank HSBC to provide online financial portal. Work included integration, stress and performance testing.

- Securities and Retail Banking Integration
- Back end account set-up and maintenance (utilizing AS400 macro's and test automation tool Rational Robot)
- End to end Integration testing (WWW, through middleware e.g. Siebel, IFS, LDAP, to backend and partner systems (BACS, CHAPS, SWIFT, Cheque Clearing, BRIDGE, MULTEX)

- Performance testing support (responsible for the setup of 30,000 client accounts utilizing built in AS400 macro functionality and test automation tools (Rational Tool set)). Also provided advice and expertise in test process automation.
 - Data migration, Setup and configuration utilizing Rational Robot
- Customer: Merrill Lynch HSBC
- From – To: November 1999 – July 2000
- Role Title: Test Analyst
- Description: Working on Compaq/BT Broadband Provisioning and Network Configuration and Assignment Systems. Systems comprise TeMIP/Oracle/Unix back-end interfaced via Java front end accessed through Netscape running BT's WHOOSH technology. Main responsibilities include:
- Writing test specification and procedure documents based on Functional, Design and Interface documents.
 - Executing tests and following through any issues raised to their resolution
 - Testing SQL interface through cursors and stored procedures
 - Upgrading an existing defect tracking system
 - Implementing and maintaining new defect tracking system for two projects with user base of around 50 personnel using Rational ClearQuest.
 - Conducting training classes to fellow workers on use of ClearQuest.
 - Providing expertise to Compaq (Reading) on approaches for the implementation of automated solutions based on Rational tools.
 - Implementing automated tests scripts to execute subset of system tests.
- Customer: Compaq Computers Ltd
- From – To: October 1998 – October 1999
- Role Title: Test Analyst (Manual and Rational Automated Tool Set)
- Description: Working for the corporate arm of the Bank, worked on various projects including high profile E-Commerce systems. Main responsibilities included;
- Enhancement of previously implemented automated scripts.
 - Development of improved Test Automation methodologies/practices and the training of fellow team members.
 - Writing Test Specifications from Requirements and Design documents.
 - Carrying out tests (manual and automated) and following through any issues raised to their resolution.
 - Liaising with product customers for the purposes of demonstration and explanation.
- Role Title: Automated Test Instructor/Tutor (Rational Automated Tool Set)
- Description: As a direct result of on-the-job training given to fellow testers on the use of automated test tools, I was asked by the Bank to undertake formal, structured training courses. Between projects, two fulltime (7 day) courses were undertaken and a formal tutorial document to accompany course authored. He is regularly called upon to undertake less formal ad-hoc on-the-job training for both permanent and contract staff who are exposed to automated test tools.
- Role Title: Test Co-ordinator
- Description: Appointed as test co-ordinator on project entailing the planning and execution of tests within an isolated network built to simulate live environments used by major customers of some of the Banks products. Work includes the building and configuration of WinNT (3.51 & 4.0) Client/Server environments, definition of tests based on Requirements and ultimately testing (manual and automated)
- Customer: NatWest Bank Plc

From – To: June 1998 – October 1998
Role Title: Automated Test Analyst (Rational Automated Tool Set)
Description: Test Analyst on a major Cap Gemini project carried out for GlaxoWellcome at Stockley Park. A Financial Improvement Programme implemented using PeopleSoft Financials to provide a common interface to Corporate wide legacy systems incorporating Y2K Compliance.
Work involves manual functional testing along with the planning and implementation of an automated test strategy using Rational's SQA TeamTest/Robot. Main focus of testing is the interfaces between the PeopleSoft Solutions and numerous legacy systems. Deriving Test Plans from Functional/Technical Specifications in addition, manual testing also carried out. Working to exacting standards and procedures as demanded by the Pharmaceutical industry including the use of PCMS.
Customer: Cap Gemini / GlaxoWellcome

From – To: July 1997 – June 1998
Role Title: Test Analyst (Rational Automated Tool Set & Mercury WinRunner)
Description: Carried out comparative evaluation of Automated Test Tools, the result of which was the implementation of an Automated Test Environment based around SQA Team Test encompassing test planning, execution, defect tracking, reporting and analysis.
Oversee day to day test administration for multiple client-server applications and systems in an environment of 15-20 testers covering 16 & 32 bit platforms including Windows 3.1x/95/NT, Solaris etc.
Installed, configured and administered automated tools. Liaised with tool vendors to organise formal training course and provided on the job training in the use of the tools and set up standards and procedures to be used in their utilisation.
NB: This role was a contract role carried out during final year at University, working 24 hours a week around his course work
Customer: British Telecommunications Plc Syncordia Solutions

From – To: June 1996 – June 1997
Role Title: Automated Test Analyst (Rational Automated Tool Set & Mercury WinRunner)
Description: Worked as sole automated tester in VV&T team carrying out integration/systems testing on large client-server project. Responsible for analysis of test specifications to determine suitability for automation. Designed, implemented and maintained automated scripts used primarily for regression tests but included functional and user acceptance tests. Responsible for training and supervision of fellow testers in the use of automated test tools.
NB: Thick sandwich placement
Customer: British Telecommunications Plc

From – To: Summer 1995
Role Title: Automated Test Analyst (Compuware QA Run)
Description: Employed by VV&T (Verification Validation and Testing) section of above division of BT to work on project to carry out regression, performance, system and other testing of internal financial reporting tool. Work involved extensive programming, to specification, of test scripts and test drivers using Direct Technology's (Now CompuWare) Automator QA/Run.
Customer: British Telecommunications

Education:

- Brunel University: Graduated 1998
- BSc(Hon) Computer Science (4 yr. thick sandwich)
- Class Obtained: 2.1
- Final Year Project: Automated Software Quality The use of ASQ tools as a Test Management Resource.