

**Chandrakantha Liyanage**

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**Personal Profile:** Highly motivated and technically competent IT professional with significant QA/Software testing and release management experience, looking for a QA role within a busy and progressive organization.

**Skills Profile:** Experience of working under pressure and to tight deadlines; reliable, efficient, flexible, team player and able to establish rapport quickly.

**Work Experience:**

**18/12/2013-Current      QA/Application Tester**  
***Trisoft(Health) Ltd***

The company develops Web and desktop bespoke health care solutions fusing VB, .Net and MS SQL technologies. These products include theatre management (web and desktop) and sterile services management software (web) and pre-operative assessment software QI (web). Products are developed using a mix of V-model and waterfall methodologies.

I am the only tester present within development team which composed of 6 Developers. My day to day responsibilities includes;

- Providing test estimates for new and existing product enhancements for Theatreman and Qi products. I also give estimate for upgrade projects.
- Liaising with customers and internal teams (sales team, development team, support team) to validate requirements.
- Participate in daily and monthly development/project meetings.
- Writing test cases, test scripts and maintaining test matrix using Excel spread sheets and Word for documentation.
- Executing tests, reporting defects and prioritizing each issue.
- Recording and maintaining test results.
- Testing includes re-testing, regression testing, system testing and performance tests.
- Issue investigation and providing support to the development and support teams.
- Providing Test Summary reports for Developers, the Development Manager and QA Manager.
- Reporting project progress to the Sales and Development Managers.
- Writing release notes and release manifests.
- Holding process improvement meetings with QA Manager/Development Manager to high light areas which can be improved.
- Successfully changed delivery and test processes to meet business needs and improve quality.
- Proposed tools and areas to automate.
- Testing Android application develop for internal use.

**25/01/2012-31/10/2013      QA/Senior Test Analyst/Release Manager**  
***CompuWorks***

CompuWorks develops bespoke systems using C#, .Net, Oracle DB technologies. I was responsible for

product release, process improvements, implementing new test process and development methodology.  
Responsibilities included;

- Managing off-shore test team of four.
- Creating and maintaining Test Plans, Test Design Specifications, Test Cases, Test Scripts, and Test Scenarios.
- Executing functional(functional and system), non-functional testing and user acceptance testing (UAT), Scenario based testing.
- Implementing Quality Processes for testing and product release management.
- Introduced automated testing where it was appropriate.
- Setting up test data, tools
- Peer mentoring.
- Responsible for quality of software released to clients.
- Implemented new software development methodology.
- Created performance summary reports.
- Provided estimates for testing activities.

#### **10/12/2006- 20/08/2010 QA/Test Analyst**

##### ***Business Control Solutions [BCS]***

BCS develops bespoke and enterprise web application systems for large financial organisations using Agile, Waterfall, and V-Model methodologies. During my employment I was working across projects as a Test Analyst and/or Lead Test.

Responsibilities included as a Test Analyst:

- Static analysis, creation of test cases/scripts/suits, identification of test data, execution of test scripts and logging of defects. Liaising with team specialists to resolve issues.
- Manual testing, Integration, Functional, System, Regression, User Acceptance (UAT), Exploratory, Smoke, Performance testing and cross browser testing.
- Non-functional testing (Usability, flexibility, performance, security).
- Creating, maintaining and executing Auto Test scripts using Quick Test Professional (QTP).

Responsibilities included as a Lead Tester;

- Managing projects within QA life cycle to ensure quality.
- Working with offshore and in-house testers and developers.
- Managing two to six offshore and in house testers.
- Writing Test Plans, Test design Specification and reviewing them.
- Prioritising tasks on a daily basis, maintaining own work flow and meet deadlines.
- Certifying software releases prior to releasing them to production systems.

The Tools Used to accomplish above tasks;

- MS Word to write test plans, test cases, and test reports. MS Excel to write test Scripts and record test results.
- Jira used for configuration management, log issues, stories, migrations request, release tickets, to manage and monitor full release, and create reports to monitor the progress.
- TOAD, SQL Developer, and SQL Server Management Studio used to query Oracle, MSSQL, and access data base during issue investigation.
- For the products developed using Control Centre (CC) tool kit, Tortoise SVN was used for sub version control, and Controlcentre migrator to create migration scripts.

- Teamcity used to monitor subversion for the products build using C#.Net2,ASP,VB.
- Quick Test Professional used to create automated test scripts.
- IE6, IE7, and Firefox browsers used for testing applications.

Brief description of the projects I worked on;

***Phase 1:BCS Arc for HSBC:***

This was an enterprise-strength web application, which provides instant visibility over agent Bank network; helps to manage and monitor the invoice reconciliation process.

Project involved ***Agile scrum methodology*** and was based on .Net,C#, and Oracle 11g. I was acting as a Test Analyst and was responsible for writing test scripts for each sprint and testing and logging bugs and stories.

***NMS for Barclays Capital:***

This is the first version of BCS Arcs developed using control-centre tool kit. I worked as a Tester testing stories and issues and logging issues when necessary.

***Operational Control Architecture (OCA)***

This provided a single repository for internal controls across the organization. It was developed using control-centre tool kit for **Deutsche Bank, International Financial Data Services (London), Altium Capital, and Nimbus Partners.**

Responsibilities;

I worked as a Test Analyst/Tester for most of the enhancements delivered to above customers and was the lead test for the projects listed below,

- OCA IE7 Compliance release, and OCA .Net2 upgrade for IFDS, Deutsche Bank(New York)
- OCA 4.2 version upgrade to Deutsche Bank (New York),AltiumCapital –UK and Nimbus Partners UK
- OCA Enhancements delivered to Deutsche bank London and New York.
- All the enhancements delivered to IFDS since 2008.

The test team which I managed comprised of two to four testers including myself.

***Citi Bank Data cleansing project:***

This project at Citigroup was an on-going data cleansing exercise, and involvement of BCS was to re-engineer this process.

I was sharing the work with QA Manager to maintain test scripts and manage this product release.

**09/2005-06/2006      *QA/Data Migration Team Member (Smart lab paperless Project)*  
*Glaxo Smith Kline*[GSK]**

Responsibilities included; instrumentation (capturing data via RS232 port), writing and execution of Performer verification tests, system and unit testing and system validation. Electronic Document Management system (EDM) was used to manage every single activity in this organisation.

**Professional Qualifications:**

**ISTQB Advanced Test Manager (2015)**

**ISEB Intermediate Certificate in Software Testing (2009)**

**ISEB Foundation Certificate in Software Testing (2005)**

**Strategic Management and Leadership (2012)**

**Training:**

**2005-2006      Glaxo Smith Kline(GSK) UK Ltd.**

## Integrated Quality Management System (IQMS) Training.

The List of modules covered by this is as follows,

Data Migration, Document Management, Configuration Management, Management of Data Migration, System Access Plan, Technical Installation Plan, Incident Management, Systems Compliance, Developing Business Requirements, Managing System Quality and Validation, Testing, Deployment Strategy, Supplier Audit, Package Configuration, Developing Service Models, Developing Service Agreements, Change Control Management.

### Computer Skills:

Windows, Data Mining, Java, TOAD, MS SQL (2005 2008, 2012), Oracle SQL, UML, Smart lab Paperless labs, MS Office, Lotus Notes, EDM, SVN, CVS, XML, Netbeans, VMWare, ASP, VB, C#, .Net, Visual Studio 2012, exposure to CMS, Data Protection Act, Privacy Law.

**Process Models:** Sequential, Iterative, Spiral, RAD, Agile Scrum, Agile XP, DSDM, Spiral, waterfall, V-Model, W-Model

**Test Management tools:** Bugzilla, Issue tracker, Jira, Fogbugz

**Automated testing tools:** TestOptimal, QAWizardPro, ModelJUnit, JUnit, Selenium web driver, Quick Test Professional (QTP).

**Testing:** Manual, Model Based testing, Automated, System testing (SAT), Functional testing (FAT), User Acceptance testing (UAT), Operational testing, Scenario testing, regression testing, exploratory testing, smoke testing, black box testing

### Educational Qualifications:

**09/2010-10/2011 MSc Software Engineering with Distinction [Average 81%]**  
University of Hertfordshire

Module	Grade
Professional Issues, Software Development Tools and Methods, Software Engineering Practice & Experience, Measures and Models for Software Engineering	A
Computer Science Masters Project	B
Secure Systems Programming (Using C)	C

Masters Project: ***Evaluate effectiveness of employing software testing in achieving software quality.***

In this project performance of Manual, Automated (capture and reply) and Model based testing compared. Tools used: TestOptimal, ModelJUnit, Quick Wizard Professional, Seapine Web pro.

**09/2003-03/2005 MSc Computer Science (Conversion)**

University of Hertfordshire

Masters Project: Design and implementation of online expert Advice System using Jsp/tomcat/my MySql.

**12/1994-04/1997 BSc Physical Science**

University of Peradeniya Sri Lanka

**Subjects:** Pure Maths, Physics, Chemistry

**12/1991-12/1994 Diploma in Electronics Engineering**

The Open University of Sri Lanka