*****Software Test Engineer***

*Test case design and execution*

*Piyush Saxena*

*21-12-1989*

***Keywords:***

* ***5 year software test experience (ISTQB certified); active in a big part of the SDLC***
* ***Hands-on experience in SQL , test automation & Unix commands (currently studying Python)***
* ***Strong communicator (conversational Dutch) with local presence and work experience***

* *Profile& personal motivation*

*I would describe myself as a qualified Quality Assurance engineer that’s keen on continuous improvement. I focus on testing complex systems and improving the quality of a product by finding defects at an early stage which reduces cost and time. Next to this I have experience in analysing user requirements, creating test cases, executing tests and reporting and logging issues/defect whenever required.*

*In my experience I work closely with development and design teams to achieve results. It involves giving input in the process of test planning and creating matrices to report the progress of various types of testing performed during release.*

*My strength is in applying my quality focus throughout the entire process: requirements, analysis, design, implementation, testing and documentation. I have excellent communications skills which I gained throughout my experience in the Netherlands.*

* *Fields of expertise*
* System-, integration - and regression testing, testing for stubs and drivers
* Test case automation and debugging test scripts
* Test case design, test planning, requirement traceability, execution, and defect logging/reporting
* Reviewing use cases, functional and non-functional requirements and creating/validating high – and low level test cases
* *Technical skills*
* **Test**: functional test, UAT, end-to-end, system, regression, sanity, smoke, exploratory, and defect logging/reporting
* **Development cycle**: STLC, SDLC, and Agile/SCRUM
* **OS/environment**: Windows and UNIX/Linux
* **Tools**: ALTOVA XML and UML paradigm (design tools)
* **Bug tracking**: Quality Centre, HP ALM and Jira
* **Test Automation:** Selenium with Java
* **Programming**: Java and SQL
* *Professional experience*

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| MCA Engineering Nederland  *Eindhoven, Nederland* | 01-2016 – date |
| ***Software test engineer***  **Project: UPS, quality assurance:** Responsible for testing software to enhance business performance, services including logistics and distribution. On a daily basis performing system tests and regression tests for UPS releases to provide input to meet total supply chain needs of customers worldwide for goods and information.  **Tasks and responsibilities:**   * Creating test cases and test data for a change in - or new requirements. * Performing complete system tests to validate new functionalities. * Complete regression tests to prevent new issues in the software due to a change in code. * Reviewing the test basis and validating them accordingly to the requirements. * Follow-up on existing defects with developers and providing them input for root cause analysis and impact of the defects from testing point of view. * Providing inputs for creation of test plans and estimates in the preparation phase and also for new change requests. * Supporting business users in user acceptance testing. * Driving pre-release and post-release calls with development and design team to ensure all the deliverables are well in time. * Reporting results and reports for the test performed in every release. * Performing detail tests to check severity of the defects and analysing the impact for the same. | |

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| KPN Bitstream  *Den Haag, Nederland* | 06-2012 – 12-2015 |
| *Software test engineer*  ***Project(s):***  Responsible for the quality of different applications in regard to end-user requirements which include network configuration, service assurance and order processing through the entire value chain.  Performing test activities on (new) packages for every phase of testing before delivering the application to the customer.  ***Tasks, responsibilities and achievements:***   * Requirement analysis for the new functional areas for the application. * Writing test scenarios and cases based on requirements for each release. * Executing test scripts in backend with UNIX for system testing. * Preparing test end reports for every phase of test plan. * Performing integration testing of different modules. * Preparing and reviewing reusable test suites for consequent project releases. * Preparation of test scripts for test automation using Selenium * Debugging/Modifying the test scripts for the bug fixes or issues raised during manual test. * Executing and integration of functional tests: system, sanity, regression and retesting. * Analysing the impact of the Defect and Logging it by using Quality Centre and HP ALM. * Analysis of traceability through Quality Centre. * Active support to the end users during user acceptance testing. | |

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| Tech Mahindra  *Bangalore, India* | 10-2011 – 05-2012 |
| *Software trainee*  Software trainee in the field of software testing  ***Tasks, responsibilities and achievements:***   * Create and find test cases, writing boundary value analysis and defect logging. * SQL querying and general database management. * Test automation in Selenium. | |

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| Defense and Research Organization of India (DRDO)  *Bangalore, India* | 01-2011 – 09-2011 |
| *Software developer*  Design and develop mission planning software applied to UAV’s (Unmanned Aerial Vehicles). My program facilitates planning of flight missions for these vehicles at very low altitudes (15 to 25 meters above sea level) and was able to simulate the trajectory of low-level cruise missiles.  ***Tasks, responsibilities and achievements:***   * Based on the flight path defined by the input parameters (latitude, longitude, altitude, Initial air speed and bend of aircraft along several way points), * Compute and obtain output (time taken, fuel consumption and distance travelled). * Development of the software in C++ and QT GUI toolkit on both a Linux and Windows platform. | |

* *Education and additional information*

2007- 2011 **B.E. Information Science and Engineering,** Vishveshwaraya Technological University (India)

**Trainings and certifications:**

* **Fundamentals of Python (2016)**
* **Unix Commands & Shell scripting for Testers (2016)**
* ISTQB (2013)
* Green Belt Six Sigma (2012)
* Training in test automation, Selenium (2011)

**Awards:**

* Pat on Back award from KPN for supporting and implementing the test factory model.
* Awarded by Tech Mahindra for implementing TMMI model (Level 5).
* Received BRAVO award for best performance in the team.

**Language knowledge:**

English: fluent

Dutch: intermediate