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**SUMMARY**

Total 12 years of industry experience, which includes 9.5 Years solid expertise in Testing / QA (Automation & Manual) plus 2.5 Years of Test leadership/management

Test

* Prepare the Test Strategy, Manual and Automation Test Plans based on requirements specified by the Product owners and Business analysts.
* Certified Scrum Master, have implemented scrum in team and performed duties of a scrum master as well as the test lead.
* Following agile and scrum methodology and assisting the team in breaking the feature stories into attainable small tasks which may take a day or two max.
  + There by ensuring the teams gradual progress measured and tracked by the burn down chart.
* Oversee and manage the testing requirements and execution.
* Development of in-house tools to support testing using ASP .NETCore webapi, efCore and SQL dB
* Created and maintained Azure pipelines both build and release to establish CI/CD in our software development life cycle.
* Delivery of System/Integration/UAT Strategies,
* Review of test scripts and test results.
* Co-ordination of Data requirements
* Defect Triaging.
* Regular meetings with senior project management, product owners and senior business analysts.
* Production of weekly reports
* Co-ordinated releases with Clients and Project Managers.
* Solid interpersonal and management skills, proficiency in leading and mentoring individuals to maximize level of productivity in Agile Scrum model of program management.
* Working with Director of development and strategy for budgeting and making care for new hires.
* Allocating training and learning budget. Having performance reviews and bonus and hike discussions
* Having Monthly one-on-one(s) to keep the team motivated and give conductive feedback where necessary.

Automation Testing

* Well versed in main stream programming languages like **Java and C#,** worked on both stacks
  + **Selenium (IDE, R.C., Web Driver), Cucumber**, TestNG, Java, Eclipse, IntelliJ.
  + **Selenium Webdriver, Specflow, NUnit, C#, ReSharper and Visual Studio.**
* Developing and executing test scripts for Automated Testing.
* **Maven, Jenkins, Octopus, and TeamCity** for build deployment and continuous integration.
* Proficient in automation paradigms such as Keyword Driven, Data Driven and Hybrid Frameworks with Selenium.

Process

* Implemented **Agile Scrum, BDD, TDD**. Certified Scrum Master. Member ID <would be provided if required>
* Expert in Test Plans, Test Cases, Test Scripts and Test Data.
* Reported and tracked Bugs using IBM ClearQuest, JIRA.
* Scrum implementation using Confluence.
* Progress of Bugs and fixes using Kanban Board.

**ACHIEVEMENTS**

* Self-taught and transitioned from a Java only background to a C# and Microsoft stack.
* Saved Business Unit a period of 4 months’ time to market by revamping the automation framework, to include TestNG, thereby increasing turnaround time per test cycle.
* Solved a product release crisis by reducing the test coverage regressions by automating close to 100 Manual Test Cases, **implementing BDD using Cucumber**, which was done single handed and on my own initiative.
* Won a Company award for mentoring a team of automation testers and getting them production-ready in a record time of 3 weeks.

**TECHNICAL**

Automation Tools Used

Eclipse, Selenium IDE, Selenium R. C., **Selenium Web Driver**, **Cucumber**, TestNG.

**C#, Visual Studios,** Git**, SpecFlow**, RabbitMq, Cassandra (NoSql), SQL, Kibana (Elastic Search)

Cloud Technology

Azure platform, resource management, on-prem to cloud migration, Azure networking all using Azure portal and PowerShell

Test Management Tools

JIRA, Confluence.

Concepts

OOPs concepts, **Agile Scrum Implementation, SQL, Relational Databases, TDD, BDD** & Networking.

Scripting and Programming Languages

C#, Java, PowerShell (to some extent)

Build and Release

Azure DevOps, Jenkins, Maven, Stash, Octopus, TeamCity

Certifications

* ISTQB – CTFL Membership: 00463338
* Certified Scrum Master (License Expired)

**EMPLOYMENT HISTORY**

**Employer: Derivco Ipswich Ltd.., London, UK** (April 2018 – Present)

**Product:** Sports Trading Application (ASTRA)

**Role:** Software Quality Manager

**Tools Used: Selenium Webriver,** SpecFlow, C#, Rest Api, Git, Visual Studios, Jira, Agile Scrum, JIRA, Confluence, MSSql and Azure (PAAS / IAAS)

My role here changed a couple of times I was first hired as a Test lead but first task was to hire my team while being hands on in my QA tasks. So I am well versed in all the techniques, procedures and processes involved in hiring a team. I currently am in a hands on role mentoring and advising the team of 7 test engineers technically and managing them as a line manager keeping them motivated and not become complacent.

The highlights of my current job would be divided in two categories. Technical and Business/Management

Technical

* Created a hybrid framework from scratch using C#, Selenium WebDriver and Unity for Dependency Injection.
* Created a in-house tool for testing purposes using ASP .NetCore webapi and Azure tables
* Used Dapper and Http client earlier used Rest Sharp for integration tests for the API endpoints
* Created Application Gateways with VNets and Traffic managers to enable Geo-redundency and secure the application.

Management /Business

* Mentored the team at using the framework.
* Created a on boarding process, which would train the new starters in advance C# (using attributes, dependency injection, inversion of control, learning about different design patterns and of course Azure)
* Presented and convinced the directors to invest in training and to start with getting everyone certified in AZ900 Azure Fundamentals..
* Having attainable goals setup to my team and constantly having catch ups to gauge the progress of the same.
* Being part of the change advisory board (CAB) having a cab meeting closer to the release window
  + Giving testing status and highlighting concerns for going ahead with the release.
* Keeping an open line with the other leads to get feedback on the performance of the QAs and if there are any areas one needs to put an extra effort in.
* Doing performance reviews half yearly.
* Budgeting keeping open Comms with the auxiliary departments like finance, leaving and development and IT. Juggling the requirements for training, travel, infrastructure, team building outings among the few.

**Employer: WinTechnologies (Betway Group), London, UK** (May 2016 – April 2018)

**Product:** CRM System

**Role:** Automation Test Lead /( Product Owner trainee)

**Tools Used: Selenium Webriver,** SpecFlow, C#, Rest Api, Git, Visual Studios, Jira, Agile Scrum, JIRA, Confluence, MSSql and Cassandra.

* Created an automation framework in C# for testing CRM dynamics using
  1. Selenium WebDriver
  2. Specflow

For verifying and testing the UI of Dynamics 365 and the Iframes showing the data queried from various services.

* Using the frame work to modularise the test scripts and implemented Page Factory for web element catalogue.
* Automated using of internal proprietary messaging APIs which are based on the AQMP to transfer the data from one ecosystem to another and verifying the processing microvervices process the JSON message as desired.
* Automated the use of internal proprietary service discovery APIs implementing Consul. For querying endpoints and verifying the

**Employer: PrePay Solutions, Swindon, UK** (Feb 2016 – April 2016)

**Product:** Picasso Transaction Processing Service (C3 Expanse card for Client in Dubai)

**Role:** Automation Test Lead

**Tools Used: Cucumber**, Eclipse, Java, Junit, Agile Scrum, JIRA, Confluence, Crucible, FishEye and SVN+ Tortoise

* Created automated tests in Java to test the backend of the messaging system using industry standard ISO 8285/ 8583 master card response codes.
* Worked on different protocols
  1. CBI
  2. Master Card
* Used Master Card API to communicate with the Mock (transaction service) simulator for the transactions and verified the response codes.
* Worked on features of
  1. Auth.. Requests
  2. Balance Enquiry Requests
  3. Extending the API for the simulator
     1. Extending the testing framework for testing the new features

**Employer: Driver and Vehicle Standard Agency (DVSA), Bristol, UK** (Jun 2014 – Feb2016)

**Product:** MOT Comp2 (An IT endeavour by Ministry Of Transport, British Government)

**Role:** Automation Test Leadand Scrum Master

**Tools Used:** Selenium WebDriver, **Cucumber**, Eclipse, Java, Junit, Agile Scrum, JIRA, Confluence.

* Created manual UAT Test Narratives and executed them to find gaps and bugs in E2E User journeys. Well versed with the functions and intrinsic details for legacy system MOT1 and the new system MOT2.
* Managing different phases of testing
* Converted narratives to automation scripts using **Selenium WebDriver**, **Cucumber-JVM,** Eclipse with Java and JUnit to perform automation tests.
* Planned and implemented UAT Testing phase for testing and providing effort and schedule estimations in **Test Driven Development (TDD) Model** and **Behavioral Driven Development (BDD) model**.
* Designed framework for automated execution of test cases using Junit and Selenium Web driver.
* Performed automated functional tests and regression tests using **SOAPUI on RestFul Web services** for TFL interface to MOT Comp2.
* Experience in analysing changes and identifying areas of the application (MOT 2) to be regression tested.
* Trained 3 junior testers in understanding the testing framework and product details based on the product owner’s requirements and the legacy version of MOT software.
* Created Stories, Tasks Estimations and conducted planning meetings for Sprints as part of **Agile Scrum** model.
* Performed peer reviews for the team on new Test Cases, scripts and scenarios.
* Created regression test suites using **Selenium Web Driver**, JUnit and Java.

**Employer: EMC Corporation**, a Fortune 500 multinational company. (Jul 2007 – March 2014)

**Product:** App Sync 1.5 (Oct 2010 – March 2014)

**Role:** Lead Automation Test Analyst

**Tools Used:** Selenium Web Driver, **Cucumber**, Eclipse, Java, TestNG, Junit, Agile Scrum, Version 1, Mercury Test Director.

* Created automation framework to be used for testing AppSync Web Solution.
* Created scripts using **Selenium WebDriver**, Eclipse with Java and JUnit to perform automation tests.
* Planned and implemented Integration Testing phase for testing and providing effort and schedule estimations in a **Test Driven Development (TDD) Model** as well as **Behavioral Driven Development (BDD) model**.
* Designed framework for automated execution of test cases using TestNG and Selenium Web driver.
* Wrote **SQL** queries to test the Back End Web services with Restful Client.
* Performed Automated functional tests and regression tests using **SOAPUI on RestFul Webservices**
* Enhanced older test scripts for the enhancements introduced in the product by the developers.
* Experience in analysing changes and identifying areas of the application to be Regression tested.
* Created Stories, Tasks Estimations and conducted planning meetings for Sprints in every release as part of **Agile Scrum** model.
* Validated continuous integration build generated by **Jenkins** and **Maven**.
* Created regression test suites using **Selenium Web Driver**, JUnit and Java.
* Mentored Junior Testers in automation testing methodologies and got them up to speed by 3 weeks.

**Product:** Replication Manager (Jul 2007 – Oct 2010)

**Role:** Automation Test Analyst (Level 2)

**Tools Used:** Python, Eclipse, **Cucumber**, Mercury Test Director, **Agile Scrum**, Oracle 9i, Oracle 10gR2, UNIX and Shell Scripting.

* Performed testing on various platforms and various scenarios’ in **Test Driven Development (TDD) Model** and **Behavioural Driven Development (BDD) model**.
* Devising the best approach to automate maximum of test cases by revamping the automation testing process.
* Updated the old scripts written by colleagues to keep them up to date with the latest release of Replication Manager.
* Performed the Duties of Proxy **Scrum Master** in the **Agile** Process.
* Prepared Test Plan for the Solution being provided or to be provided.
* Automated the qualification of new releases of supported software with our product Replication Manager. Validated the continuous integration build generated by **Jenkins and Maven**.
* Checking and giving inputs for documentations like Admin Guide, Product guide and Release notes, which were later used by clients and internal trainers.
* Raised critical defects using IBM Clear Quest and tracked it throughout its cycle.