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Proven Professional
CA Test Data Manager 3.x
Implementation

PROFESSIONAL SUMMARY

- An overall 12+ years of experience as a Software Professional in multiple work environments and roles, possessing strong knowledge of test management, automation tools, requirements management, and lifecycle management tools experience for the clients Virgin Media (UK), Unity Media (DE) and Verizon (US).
- Talented Senior Test leader focused on process improvement and on-time delivery of all projects, offering expertise in process improvement and Exceptional in operating efficiently and creatively in fast-paced agile environments.
- Experience in integrating complex technologies like Salesforce Cloud, Netezza DWH, and Hadoop Big data for Test data management in reducing overall testing operational cost by 20%.

SKILLS

Tools

- Test Management Tools: QC 11.52, JIRA
- Test Data Management: CA Test Data Manager 4. X.
- Service Virtualization: CA Service Virtualization Community Edition 11.X
- Knowledge in Automation Tools: TESTNG, Robot Framework (Python)
- Performance Testing Tools: Neo Load & JMeter, BAD BOY.
- Database: SQL, Oracle, Alation & Netezza
- Integrate TESTNG scripts through CI/CD integration Git HUB, Jenkins & Docker Hub.

Test Management

- End-to-End Test Coordination for Multiple Applications
- Offshore/Onshore Test Liaison
- Defined overall Test Strategies/ Approach for multi-year projects.
- Test Management (i.e. Test Planning, Test Estimation, Client/Client Team Reporting, Test Resource Planning, Test Preparation, and Execution)

ACADEMIC QUALIFICATIONS

- Master of Computer Application (MCA) from Tamil Nadu Open University.
- Bachelor of Computer Application from Madurai Kamaraj University.
- Diploma in Information Technology from NTTF.

CERTIFICATIONS

- Certified Exile Agile Scrum Master
- Certified - CA Test Data Manager Tool Expert
- AWS Foundation - Completed.
- ISTQB - Foundation level - Completed with 98%
- ISTQB - Intermediate Level - Completed with 100%
- Certification in Basics of UNIX in Verizon.

WORK HISTORY

Sr. Technical Lead – Prodapt Solutions Ltd. (From Nov '2016 - Till date)

Client – Virgin Media, Role: Technical Manager QA & Location: HOOK, UK.

Main Responsibilities:

- Leading test data management team for Business 2 Business (B2B), Business 2 Consumer(B2C) portfolio across Virgin Media account.
- Gatekeeper to testing organization of data masking and generating synthetic data generation for 70+ applications.
- Leader of a function responsible for setting up the test data managed service, strategy and approach for various data sources.
- Responsible for on-boarding resource, resource forecast and drive return of investment (ROI) for test organization.
- Working knowledge in TCP/IP, SDN/NFV and testing through real network devices.
- Working/Deploying Tomcat, Apache, IIS containers and deploy web applications on Web Server.
- Hands on knowledge in Blaze meter and Gatling in evaluating AWS/Salesforce Cloud performance Engineering.
- Working knowledge in AWS Services (S3, Glacier, Lambda and IAM).
- Use data mining tool like Alation to analysis retrieve data from Netezza and Hadoop.
- Working to Setup Hybrid Agile model through CRP (Conference Room Pilot) & SPRINT delivery model.

Significant Achievements:

- Defined and implemented a Virgin Media continuous improvement test data transformation, based on best practice process/governance model.
- Delivered identical solution in generating synthetic data for Salesforce Cloud platform

- Successful delivery of optimized framework for data masking 50+ millions records on Netezza DWH that led 30% savings in overall dev. and testing cycles.
- Designed custom masking utility that is executed in Dev., Test and UAT DB. by DB/Environment team.
- Through Test data management reduced P1/2 defects leaked to production
- Reduced the cost of test by 10% and speed to market by 30% in 12 months
- Defined Test data management strategy and approach for Pan-European testing organizations.
- Represented CA (Computer Associates) forum to elaborate successful implementation and delivery of Salesforce Cloud and Netezza DWH.
- Implementation of NEoload to evaluate the performance and scalability that reduces 10% of performance/scalable issues through running Baseline, Reference, Load, Stress and Benchmark Testing.
- Use of Service Virtualization tool to mock service and simulate the RR pair that increase the test cycle efficiency by 20%.
- Published case study on 'Enhancing data security and efficiency beyond standard Test Data Management'. (<http://www.prodapt.com/test-data-management-tdm/>)
- Published an article in Cloud tweaks on securing PII of customers (<https://cloudtweaks.com/2018/04/secure-personally-identifiable-information/>)
- Champion in representing technical forum with Prodapt (Tech Day Session & Learning is Fun Forum).

Recognitions:

- Awarded Core Value Excellence award for year 2017-18 by CEO.
- Awarded Super Star team award for year 2016-17 by VP

Technical Lead - Prodapt Solutions Ltd. (From Jun '2016 - Oct'16)

Client - Unity Media, Role: Test Manager QA & Location: Schiphol Rijk, Netherlands.

Main Responsibilities:

- System Test Manager for B2B DE Catalyst programme that hold 9 million customer bases.
- Responsible for leading and setting up system integration testing team in Netherland and India from 5 to 30+.
- Manage Impact Assessments, Service Requests, Effort Estimations and Project Planning.
- Produce the test approach/Strategy and manage delivery and review various testing artefacts.
- Led communication with stakeholders regarding the testing progress, dependencies and risk.
- Led retrospective meeting after every SPRINT to improve overall test efficiency by 10% to benefit testing cost.

Significant Achievements:

- Adopted S-Curve estimation technique to reduce the overall testing cost by 20%.

- Proactively, worked with AMDOCS billing testing team to complete the SIT Cycle/Start UAT on-time.
- Lead defect management workflow on HP ALM tool across different application for Agile.
- Developed robust selenium automation framework to help regression and progression test suite by 70%.
- Lead Training program with UAT team to eliminate 80% invalid defects raised.

Technical Lead – Verizon Data Services India Pvt Ltd. (From Feb'2007 – June'2016)
Automation/Innovation & Technology Team
Period: Jul'15 – Jun'16

Main Responsibilities:

- Leader in setting up testing centre of excellence within testing portfolio of 1000+ test engineers.
- Leading different proof of concepts with selenium, RIDE (Robot framework) using Python and TESTNG (TDD framework) using JAVA.
- Responsible to evaluate different automation, test management tools and frameworks across 30+ test teams.
- Led organization wide Selenium workshop to enable 80% transformation in automation.
- Lead and Mentor fresh graduates with basic etiquette like email, interacting with co colleagues, punctuality & discipline, prioritizing & accomplishing the given task on time and team work.
- Performance Engineering CI/CD implementation through integrating JMETER, BADBOY and Jenkins/Travis that increase the testing cycle by 20%.
- Implemented Agile model and owned in setting up

Significant Achievements:

- Adopted CI/CD model by using GitHub, Jenkins, DOCKERHUB to enable TESTNG execution to avoid 70% cost.
- Use Docker, sauce labs to increase the automation execution parallelly by 50%.
- Adopted different testing tools like CA Test Data Manager, CA Service Virtualization and Sonar cube to improve testing efficiency.
- Conducted organization wide TESTING HACKATHON to innovation, creative and adoption towards automation tools.
- Introduced peer review discussion with testing teams on automation scripts using SONAR QUBE code coverage analysis tool.
- Active participation in different technology forum (In50 hours Community) to bring innovation.
- Picked by Amazon through online contest for one day program on AWS Services Foundation in Bangalore.

Recognitions:

- RUNNER in 'N&T HACKATHON' for exhibiting integration with JMeter/BAD BOY tool, POC in NEOLOAD and triggering scripts using Jenkins/GitHub (DevOps tools) for year 2015.
- Awarded SPOT award from Sr. Delivery Head for 'Bests Buddy Mentorship' award for 2015 year.

Work Flow Manager

Period: April'12 – June'15

Main Responsibilities:

- Driving System Integration (SIT) and User Acceptance (UAT) teams of application holding 75+ central office engineering team base.
- Responsible attending 'Business Identification' meeting to review and sign-off the finalized business requirements.
- Manage the overall test cycle and highlight RISK/mitigation with Project stake holders during the refinement sessions.
- Responsible for providing training/workshops with 250+ UAT users on release deliverables.

Significant Achievements:

- Designed SharePoint site to share the knowledge base between SIT and UAT teams.
- Created custom stored procedure and deployed in HP ALM test management tool to generate daily defect aging report that will auto-trigger mail to project shareholders.
- Aggressively, tracked the defect leakage/SIT efficiency by using defect removal efficiency metrics.
- Took initiative to highlight addition testing efforts consumed by defect failure and multiple regression cycle using defect recycle count metrics.
- Created HP UFT automation progression and regression scripts to improve test cycle by 30%.
- Created automation utility to auto-update regression test cases and create defect when a TESTCASE is failed.
- Assisted a team of 15 members in SIT and coordinated with UAT Managers.

Recognitions:

- Awarded SPOT award from UAT Manager for 'Outstanding UAT Support Excellence' award for 2015 year.
- Awarded SPOT award from Delivery Manager for 'Automation on Defect Lifecycle' award for 2014 year.
- Awarded SPOT award from Sr. Program Manager for 'Automatic Defect Report Generation from HP ALM' award for 2013 year

Specialist - CPE Manager

Period: Oct'2009 – Mar'2012

Main Responsibilities:

- Lead for System Integration (SIT) of application holding 18 million consumer mass business(CMB) customers.
- Responsible for Business Requirement Sign-off from testing & UAT team.
- Manage 18+ interface testing team across CMB testing portfolio and responsible end-to-end integration testing.
- Responsible for Production deployment testing and UAT testing sign-off.
- Review test plans, test cases and test evidence from suppliers like Tech-Mahindra & Cognizant.

Significant Achievements:

- Design automation framework using SILK TEST tool to test MQ and Webservices on improve progression and regression cycle by 30%.
- Created robust/re-useable test bed suite with different orders combination like Triple play & self-Install to handle 500+ end-to-end orders per day.
- Took initiative in migrating in-house test management tool to HP Quality Center (QC) that helped defect tracking by 50% and reduced overall testing cost.
- Manage daily progress and plan by running stand-up call with interface test teams.
- Manage 70+ testers across to complete the end-to-end order journey and provide detailed walk through with UAT teams.

Recognitions:

- Awarded SPOT award by SVP for 'Excellence in End-to-End Testing Service' award for 2012 year.
- Awarded SPOT award by Delivery Manager for 'Automation for Web Service & MQs' award for 2011 year.
- Awarded SPOT award by Delivery Manager for 'Extended Weekend support for UAT/Prod Testing' award for 2010 year.

Software Engineer - Central Office Engineering and Property Management (COEP)

Period: Dec'2008 - Oct'2011

Responsibilities & Achievements:

- Review business requirements and draft system scenarios along with entry/exit criteria and pre-requisites.
- Created UNIX/ DB test bed that will automatically recycle the data and create base data of 240 different business rule that enable cost avoidance of 80%.
- Assist the UAT team to complete the user acceptance testing on time.
- Designing regression and progression automation test suite using SILK TEST to reduce the overall testing cycle.
- Manage defect management with system test.

Recognitions:

- Awarded SPOT award by Sr. Program Manager for 'Testbed creation various Account payable business rules' award for 2009 year.

ADDITIONAL INFORMATION

- Passport: J7389933
- UK Business Visa: 7-Dec-2016 to 7-Dec-2018
- UK Work Permit: ICT Tier 2 Visa (30-7-2018 to 30-7-2020)
- US Business Visa: 08-Aug-2011 to 04-Aug-2021
- EU Business Visa: Jul-2016 to Jul-2017