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***Principal QA Engineer/QA Manager***

***Automated Test Systems | Quality Methodologies | QA Team Leadership***

Principal QA Engineer with full system development lifecycle experience, including designing, developing and implementing test plans, test cases and test processes at various stages of software life cycle.

Hands-on technology professional accustomed to working in complex, project-based environments. Multifaceted experience in QA software testing, software development and user-acceptance testing.

Backed by strong credentials including a graduation degree; advanced command of various testing suites, agile methodologies and monitoring tools; and cross-platform skills in Windows, Linux and Unix

.Skills Summary

SQA Testing & Methodologies

* Test Plans, Cases & Processes
* Functional Requirements
* Scripting & Documentation
* Regression & Negative Testing
* UI & Compatibility Testing
* Data Interface & Migration Testing
* Performance/Load/Stress Testing
* Testing Automation both UI and API
* Defect/Bug Tracking
* Test Strategies & Coverage’s
* QA & QC Standards

**Expertise**:

* Good experience in Agile/Scrum methodology- acted as Scrum Master and conducted Daily Scrum stand up meeting, Sprint review, Sprint kick-off and retrospect meetings. Worked closely with Product Manager and created Epic/Backlogs
* Good experience in collect statistical data/QA metrics and reported- worked with QA Director and helped in publishing QA metrics.
* Good experience as QA Lead in hiring the correct resources and motivating the team to efficiently and cost effectively testing the application
* As Test Manager managed team place at different location within USA and off shore as well
* As a QA Lead reported the testing status on weekly bases to the higher management. Conducted regular meetings with QA team and resolve the issues and collected the status
* As Test Manager at Fidelity lead the QA team located off shore and coordinated with development team placed at R.I and Ireland
* As a QA Lead created QA process flow and Test Plan and Test Strategy document and conducted Risk based analysis. Communicated and worked with different groups across the company

**Tools**

* Rally, JIRA, Jenkins
* Quality center/Test Director
* UFT/QTP
* Selenium Web Driver
* Cucumber/Gherkin
* ProUI – Selenium, Protractor, Cucumber, Coffee, REST API, Nightwatch frame works, Charles Debugging Proxy Application
* Load Runner, Web Load, JMeter
* SoapUI,REST API (Micro Focus)
* SVN, GitHub, Clear Case
* ETL jobs Talend open source
* WDIO Mocha JS testing framework – UI automation using local and BrowserStack
* Axios – Jest testing framework used for API automation both REST(SwaggerHub ) and Graphql calls
* BrowserStack and AWS cloud were used.
* Jenkins Jobs were created run various test suites and service based test cases.

**Database**

* MySQL, PostgresSql, Oracel, MS-SQL, Sybase

**PROFESSIONAL EXPERIENCE**

**12/2019 – 8/6/2024 Skillsoft Inc Nashua NH**

**Principal QE**

* Active role in QA Organization in streamlining Automation process
* Resolving tools challenges and baseline the tools and technology for other squads
* Common libraries were developed and maintained
* Coaching other quads members to catch up and move forward
* Created Jenkins jobs for various services and UI and API scripts

**Discover Squad (Search)**

* Created test plan, test cycles, test case in QMetry repository
* Created UI automation scripts using WDIO JS Mocha test frame work
* Created API – Rest and Graphql automation scripts using Axios library – Jest framework
* Followed all sprint ceremonies for every sprint
* Supported sprint deployment on Production after each sprint

## Environment

* NodeJS – for API microservice
* ElasticSearch – for the search engine
* Kibana – is a tool for Elasticsearch, it’s the dashboard that provides everything from the ability to query ES, setup, ingest data, and monitor the cluster health.
* Rabbit MQ – incoming indexing messages when CP publish a content
* Kafka – is used for messaging once content-indexing has read the incoming message from Rabbit MQ, and send processed data to Kafka in order for another piece of the service to pick it up and do further processing,
* Postgres – is used in various services for a DB
* BERT – Search uses the BERT Vectors.
* New Relic - for application monitoring
* Kubernetes / Docker
* Harness – deployments

### Other tools you may have used:

* + Prisma – Container Scans
  + SNYK – Vulnerability Scans
  + Splunk / Kibana – for searching through application logs

**10/21/2019 – 12/2019 WayFair Boston MA**

* Created API automation using Karate framework

**02/2019 – 10/18/2019 Curriculum Associates Billerica MA**

* i-Ready – Renderer testing
* i-Ready – Lesson testing
* i-Ready – Authorization testing
* i-Ready – Accessibility testing using Chrome in built Axe toolset.
* JavaScript development for Night watch automation frame work
* Executing automation test scripts, enhancement and development
* API testing using Charles Debugging tool
* Agile environment using JIRA for standup, backlog grooming, defect tracking, creating test cases on Confluence page.

**11/15 – 01/2019 GE Foxborough**

* SCADA iFix and Cimplicity with Web HMI testing
* Automation testing using ProUI Frame work, UFT
* Setting up CI/CD environment using Chef and Power scripts
* Test artifacts created and maintained at Rally
* Followed Agile/Scrum project management methodology

*Senior QA Engineer/Automation Engineer*

**6/15 – 9/15 IBM**

**Test Engineer**

* Worked on Watson Experience manager.
* Tested Watson Experience Manager with different scenarios.
* Enhanced the java programs – testing scenarios.
* Maintenance and execution of JUnit and Selenium scripts.
* Performed DR duties and reported the defects.
* Analysis of application work flow and suggested the fix for the existing script and existing test case.
* Worked with Agile/Scrum team located in different locations.

**1/09 – 4/15 Philips Teletrol**

**Senior QA Engineer/Scrum Master**

* + - Sprint kick off.
    - Daily scrum meeting.
    - Sprint review.
    - Sprint retrospect meeting.
    - Backlog grooming/review.
    - Monitoring the progress of the sprint and if required splitting the story(ies) when story cannot be completed in the current sprint.
* Created test cases and tested Teletrol Product such as Edifice, Envoy and Easel.
* Testing various energy management device like eTRAC, SimpleSTAT, TLC, TRC,TSC,TZC, Cylon, Modbus
* Creating Automation scripts using Open Source tools such as Protractor, AutoIt and Selenium Web Driver, JUnit and tested with multiple browsers.
* Developed and tested ETL jobs using Talend open source. This is Java based tool.
* Performance testing the C# application using Windows Perfmon and analyzing performance counters of the server. JMeter toolset is used for web based application for stress testing the Application. Conducting performance test on Fedora Unix system which simulates testing environment and using custom build tools to profile database, servlet profiling, and using WMI counters for Tomcat, Apache and MySQL CPU.

**9/05 – 10/08 Fidelity Investments**

**Principal Quality Assurance (8/06 – 10/08)**

* Worked on LoadRunner Controller toolset on various applications to execute Performance, Scalability (Stress) and Stability (Longevity) tests.
* Load Testing is conducted on applications developed on technologies such as Web Services, Flex based technology, J2EE, Java struts with Springs Frame work and IBATIX.
* Wrote Perl script to ‘grep’ the error or any custom string from LoadRunner log files for the analysis of the failed transactions.
* Created Winsock script for C++ home grown application WebFe of the TLA team.

**Quality Assurance (1/06 – 8/06)**

**Project**: FIMT

Market Surveillance Testing/FMR’s Mortgage Reengineering. The objective of this phase of the project is to test thoroughly the Mortgage Based Securities – MBS and thoroughly testing the integration of APPIX (vendor supplied application).

**Test Manager (9/05 – 1/06)**

**Project**: Password Reset (PWR) – 3.4

Password Reset is a web-based .NET application, accessible through the corporate Intranet that enables Techline Representatives the ability to execute “assisted password resets” through an integrated console. The application currently supports reset activity for LAN, FPRS/TSO, and FBSI.

**10/04 – 8/05 Liberty Mutual**, NH

**QA Lead/Tool Specialist**

**Project**: Customer First

The name of the project is Customer First, new Personal Market insurance quoting and policy producing application. This web based insurance product of Liberty Mutual deals with Property and Casualty. The first release of this product covers 5 jurisdictions of USA.

**12/03 – 10/04 SBC**, San Antonio, TX

**QA Lead/System Analyst**

**Project**: CRM Platinum

The module tested is Customer Management Relationship (CRM).

**Environment**: Automation Tool: QTP

**01/02-11/03 Development and QA Experience with Other Clients:**

**Client**: GMAC Insurance, St., Louis MO

**Environment**: WinRunner, Load Runner

**Client**: John Hancock, Boston, MA **(2002)**

**Environment**: Rational Robot, WinRunner, LoadRunner, ClearCase

**Client**: Compaq (HP), Littleton, MA **(2002)**

**Environment**: MS SQL Server, DTS

**1999 Avantinfo Corporation**, Framingham, MA

**Java Developer**