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VINOD
KULKARNI
SDET | QA ARCHITECT

Result focused and customer oriented Quality and Testing Leader with professional expertise in project management, quality assurance, end-to-end test management including test strategies-planning-estimation-automation, frameworks and tool systems. A software pediatrician & certified Scrum Master with over 14 years of experience possesses problem solving skills and abilities to lead and educate user & technical audiences, improve quality programs, reducing defects and enhancing overall productivity and efficiency. Highly adept at driving operational procedures and quality methodologies to support development and release of business applications for the dynamic fast paced organizations.

- **Successfully automated a desktop application using Robot Sikuli Framework and enhanced automation coverage from 40% to 70%.**
- **Enabled mobile platform savings for Android and iOS to 90% using Selenium Appium Framework and in Cloud (AWS) and Java Library Frameworks.**
- **Enhanced automation coverage up to 80% by initiating automation frameworks from scratch for legacy applications.**
- **Developed strategic process definition document for automation proof of concepts.**
- **Vital role and expertise in transitioning and transformations.**

CORE COMPETENCIES

PROJECT MANAGEMENT
PRODUCT SPECIALIST
QUALITY ASSURANCE
TEST FRAMEWORKS
TEST STRATEGY
AUTOMATION
SCRUM
RISK MANAGEMENT
TEAM MANAGEMENT
CONFLICT MANAGEMENT
PEOPLE MANAGEMENT
PROCESS IMPROVEMENT
STRATEGIC THINKING
SOLUTION CENTRIC
STAKEHOLDER MANAGEMENT
LEADERSHIP

KEY STRENGTHS

PROJECT MANAGEMENT:
Leading complex testing projects from initial conceptualization through implementation in global delivery model with testing teams based both onshore and offshore.

QUALITY ASSURANCE:
Established, implemented and improved QA test procedures, agile distribution, automation processes, and quality standards in accordance with overall development and product releases.

PRODUCT SPECIALIST:
Providing technical product support to sales and customers by understanding business need and introducing new technology products & creating a cultivating environment to build client relationships.
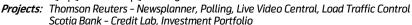
PEOPLE MANAGEMENT:
Creating a dynamic work environment with growth opportunities for team members to grow & outshine to their potential and competence by allocating apt work, guiding & mentoring them.

WORK HISTORY

DEC'17 – PRESENT

TECH MAHINDRA | BANGALORE
Role: SDET QA | QA Architect | QA Manager
Projects: Thomson Reuters – Newsplanner, Polling, Live Video Central, Load Traffic Control
Scotia Bank – Credit Lab, Investment Portfolio

Responsible for leading multidisciplined projects, establishing QA test procedures, creating test scenarios, process optimization, and streamlining operations to deliver outstanding results with high efficiency and productivity across projects.

- As a SDET Lead, created multiple automation frameworks like Maven Selenium TestNG, REST Assured , Android and iOS Appium in Java and Backend/REST API testing using Python.
- Designed Test Strategy Template, Test Completion Report Template for Testing projects.
- Proficient in scripts development using Java, Python.
- Ensuring complete transparency on the project progress between teams & clients
- Performed SDET & QA ensuring timely delivery of projects in space of Web, REST, API and mobile test automation.
- Streamlined QA process to increase efficiency and reduce new product rollout time.
- Identified dependencies between applications to eliminate and reduce risks and potential conflicts blocking the implementation of the sprint goal.
- Collaborating on client engagement strategy to drive methodology & better accuracy.
- Successfully mentored and driven cloud migration testing activities for 4 projects.
- Achieved zero defects (critical/major) in production.
- Mentoring junior resources in team and drive solution based approach to any problem
- Created framework for BDD Cucumber for Web and API based automation.

TECHNICAL SKILLS

TEST MANAGEMENT:
HP QC

AGILE PROJECT MANAGEMENT TOOLS:
JIRA

PERFORMANCE TESTING:
JMeter, OpenSTA

VERSION CONTROL SYSTEMS:
GitHub, Perforce, CVS, VSS, SVN.

DATABASES:
SQL, DynamoDB, Oracle (9i), MySQL,
SQL Server (2008)

BUG TRACKING TOOLS:
JIRA, Bugzilla, Team Track, Sales Force, Mantis

OPERATING SYSTEMS:
IOS, Linux AS 4.x, Mac OS, Windows XP, 7,
Win 10 / Edge

**AUTOMATION TESTING TOOLS/
LANGUAGES / FRAMEWORKS:**
Appium, Docker, Cypress, Cucumber,
Selenium WebDriver, Java, TestNG, QTP,
VBScript, Automate, Sikuli, Protractor,
Javascript, Typescript.

THOMSON REUTERS | BANGALORE

Role: *Automation Architect*
Projects: *Lynx Pictures Select, Fotostation*

Responsible for conceptualization to implementing test strategies by understanding technical challenges with an open mind to provide logical reasoning and solution ensuring product optimization and superior performance.

- Led designing, development, POC & execution of test automation and managed suite.
- Conducted automation tools feasibility study.
- Developed scripts to accommodate any number of different values for each component.
- Initiated and developed Selenium Sikuli Automation Framework on IntelliJ Idea tool.
- Successfully automated complete end to end life cycle of pictures.
- Performed code versioning (on GitHub) and client side memory leak tests (on Chrome).
- Automated electron based web browser using TestNG & WebDriver Frameworks.
- Contributed in Sprint kickoff gatherings and provided constructive solutions.

FEB'10 –JUL'12

ATLAS SYSTEMS PVT. LTD. | BANGALORE

Role: *Senior QA Test Engineer*
Projects: *Lynx Editor*

Responsible for analyzing business requirements document and system specifications, identifying test requirements, carrying out extensive testing, conducting data driven test, automation frameworks to drive efficiency and performance.

- Analyzed user requirements, functional specification, use case documents and developed complete test life cycle focusing on Agile Methodologies (Scrum).
- Provided testing effort estimates and constructive feedback on progress report.
- Driven software quality best practices, test strategy & planning, test case development- deployment- execution, test data, defect tracking, & automation.
- Executed workflow manager web application for test cases on various browsers.
- Mentored intra functional resources on selection, design and implementation of test automation frameworks, tools and strategies.
- Established and maintained physical, virtual and test automation labs for effective automation execution.
- Consistently evaluated test automation strategy for improvisation.
- Organized test results data, prepared and reported test results.
- Conducted R & D to evaluate open source tools.
- Responsible for test plans, test cases & on time QA sign off as per the release plan.
- Generated automated scripts for performance measurement and provided Demos to stakeholders.

NOV'05 –JAN'10

SONATA SOFTWARE LTD. | BANGALORE

Role: *Senior QA Test Engineer*
Projects: *Syndera, Magnetic North, Avery Dennison*

Responsible for establishing QA workflow set up automation, introducing environemental control mechanism, performing analysis on QA labs, setting up test environment & processes, developing new test solutions ensuring testing goals for the release are achieved.

- Designed and implemented QTP driver control script for test data creation process.
- Performed analysis on QA lab process & documented detailed performance.
- Established QA workflow set up automated testing foundation & storage structure.
- Collaborated with cross functional teams for setting up release process.
- Improved automation development efficiency, maintenance and re-usability.
- Developed overall testing strategy, & product releases live to the client's environment.
- Provided quick resolution to the identified bottlenecks in the system.

EDUCATION

1999

B.E. [MECHANICAL]
GULBARGA UNIVERSITY

CERTIFICATIONS:

- CERTIFIED SCRUM MASTER (CSM)
- ISTQB CERTIFICATION FOR SOFTWARE TESTING 2015