VAIRAMUTHU MARIAPPAN

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SUMMARY:

Over 16+ years of experience in IT industry with good experience in requirements, management, planning, test execution, monitoring, control, implementation, Quality Assurance, Resource Management and end user training. Experience in all cycle of software testing including manual testing, integration testing, Performance testing, Security testing and API testing. Rich exposure on test strategy, test planning, test execution, test estimation and scheduling the test efforts.

SKILLS:

- **Operating System**: Windows, Mac,
- **Languages:** Java, Javascript, Python,
- **Automation Tools:** Selenium Web driver, TestNG, Maven and Continues Integration using Jenkins
- **Performance Tool** : JMeter and Neoload using Load, Stress, Endurance, Spike, Volume and Scalability Testing
- **Security Testing Tool**: OWSAP - ZAP
- **Code Review tool:** Sonarcube
- **Defect Management**: Bugzilla, Mantis
- **Project Management :** JIRA for agile methodology and Testlink
- Quality Assurance Organizational Leadership
- Quality Process Design, and Best Practices
- Leading Manual and Automation teams
- Test/Automation implementation
- Project Management
- Test Planning and Resource Allocation
- QA Process Improvement Initiatives
- Integration, Functional, Regression testing, Security testing
- Automation testing

- Performance Testing
- Security Testing
- Code Review
- UAT, Production Verification
- Mobile, Cloud based application testing

Career Highlights

SDLC: Agile with SCRUM/Sprints, Iterative, Waterfall
Test Planning: Scoping, estimates, strategy, plans, presentation, coordination.
Risk Management: Identify risks and plan best case approach for risk mitigation.
Implementer of QA processes, techniques and Standards
Test Case Management: Managing test cases with/without requirements/design docs.
Defect Management: Tracking, reporting and defect triage/management meetings.
Test Execution: Web apps, RESTful API's, Performance, Security and Code Review.
Test Types: Functional, Non-functional, Regression, Integration, Smoke, System, UAT, Usability, Production verification/smoke test, (automated) : Regression, test data generation, performance, stress, load testing.
Release Management: plan, develop, coordinate and lead software release activities with application and support teams.
Mobile Applications: Native, web and hybrid applications.

EXPERIENCE

APARAJITHA SOFTWARE SERVICE PVT LTD

Quality Assurance Project Manager | Chennai & Madurai

- Managing and leading a team of 13 team member Manual and Automated QA organization.
- Managed a cross functional QA team and involved in validating variety of Symantec Security Product and Release.
- Experience in recruit, lead, mentor and develop a talented high performing team of technical quality engineers.
- Lead to develop, document and Implement applicable QA Process and Procedures to provide a more effective quality methods within a group in support of providing quality.
- Significant quality experience in leading Mobile app testing team an App release (iOS/Android) management.
- Work experience in performing Security test use OWSAP – ZAP scan tool.
- Work experience in Performing Performance test use Apache JMeter tool.
- Experience in REST API testing using Apache JMeter & Postman tools.

APARAJITHA SOFTWARE SERVICE PVT LTD

Quality Assurance Lead | Madurai

- Building and growing an effective QA team from the ground up.
- Lead a team 10 Manual and Automated QA Engineers. Implemented API testing and Participating in cross functional team discussions to help improve the overall service quality, providing input for a go/no-go decision on release readiness, reviews, and communicating status to stakeholders.
- Hand-on testing experience on various applications and used technical skills to help QA Engineers when needed and test the application performance and security to collect the metrics to analysis and send feedback to Dev team.
- Performed functional and Regression testing using Selenium Web driver tool.
- Worked on multiple tasks at a time and managed and prioritized effectively.
- Reviewed and analyzed Data Driven Framework, and Unit Test Cases to ensure they are precise and accurate for testing, and to implement test plans and test cases.
- Penetration testing and vulnerability assessments on API applications in different domains Using OWASP ZAP tool.
- Ensure the testing activities to fulfill the user requirements and identify to resolve any issues
- Co-ordination for UAT Testing (Client / Business Users interaction)
- Expertise in end-to-end development of software products from Requirement Analysis to System Study, Documentation and Testing and Quality related activities
- Design, develop and execute the security scenarios and analysis the report

APARAJITHA SOFTWARE SERVICE PVT LTD

Quality Analyst Lead | Madurai

- Managed 7 technical resources as well as authored Statement of Work for multiple projects on multiple platforms.

- Lead the test activities to ensure product quality, setting project timeline and supervising the Activities of other testers

- Design, develop, and Review test cases/Test scripts for functional and non-functional domains and resolve issues that may impede the test effort plans, identify relevant metrics and keep track of required effort.

- Manage the execution tests, review reports and interpret recommendations for product or design changes

- Oversee all aspects of quality assurance including establishing, applying industry best practices and developing new tools and process to ensure quality goals are met

- Act a key point of contact for all QA aspects of release, providing QA services and coordinating QA resources internally and externally

- Conducted Project team status meetings regularly and facilitated test issue resolutions.

- Managed software system development and integration projects through all phases of project life cycle - analysis, design, development, testing, implementation, and post-production support.

- Interact with the Product Management and Development teams to coordinate with understanding the Project requirement

- Reviewed Business Requirements, Functional Requirements, analysis the risks and Sign-off.

- Developed Test Plans and managed development and execution of test cases using Test link and tracked identified defects through defect tracking tool using Mantis.

- Application Test execution through System Integration Testing, System Testing and support UAT Testing

- Provided defect and test status reports to the project management team for daily, weekly and monthly.

- Reviewed all test cases and scenarios to ensure they adequately cover the system requirements and business process flows to the Requirement Traceability Matrix (RTM).

- Reviewed the scripts for Performance Testing in JMETER and Analysis the CPU utilization, Memory usage and network usages.

- Performed functional and Regression testing using Selenium Web driver tool.

- Worked on multiple tasks at a time and managed and prioritized effectively.

- Reviewed and analyzed Data Driven Framework, and Unit Test Cases to ensure they are precise and accurate for testing, and to implement test plans and test cases.

I-GRANDEE SOFTWARE SERVICE PVT LTD

Senior Software Tester (Module Lead) | Chennai

- Managed 2 to 3 technical resources as well as authored Statement of Work for multiple projects on multiple platforms.

- Created detailed Test Scenarios and Test cases according to the Business/functional requirements.

- Created both positive and negative test cases according to the Business Rules and Business Strategies.

- Created Test data for Testing as required. Changed Personal client to non-personal client and non-personal client to personal client as required for execution.

- Performed Functional Testing, System Testing, GUI Testing and Performance Testing on web application.

- Participated in daily triage meeting to discuss about the status of defect.

- Worked closely with Test Data specialist (TDS) and prepared the test data as required.

- Created Functional/System Test Details & Sign-Off document.

- Prepared, Updated and Executed test cases and Generated and provided Execution Status and Defect Reports to Management team using Bugzilla.

- Changed Personal client to non-personal client and non-personal client to personal client as required for execution.

- Testing done is SDF (System Development Facility) & IST (Integration & System Testing) Environment.

- Provided weekly status reports to the management on Test Execution.

I-GRANDEE SOFTWARE SERVICE PVT LTD

Software Tester | Chennai

- Developing test plan and test strategy.

- Assigning task and Tracking all activities related to projects.

- Performance testing using JMeter

- Performing Regression / Retest Testing for each built.

- Involved in Test Lead reviews including Test Scenarios and Test Cases, Kickoff meetings and KT Sessions.

- Formulating and executing test strategies.

- Defect prevention and Knowledge Management

- Prepared Stability status report, Bug status report for each built.

- Mentoring and training to a new team members

- Working experience for Health care applications using HL7, HIPPA, DICOM

- Reviewed and tracked defects using Bugzilla.

CERTIFICATIONS:

- Basic Software testing training for both manual and automation
- ISTQB Certification for Agile Software Tester

ACHIEVEMENTS:

- Certificate of Appreciation with rewards for Commitment and Dedication in Test Execution and ensure testing for the DCR Automation project.
- Certificate of Appreciation with rewards for Commitment and Dedication in Test Execution and assure the quality before launching COMPFIE Product.
- Rewards and recognition for Virtual Medix project
- Rewards and recognition for Tele-Education project

EDUCATION:

- VICKRAM COLLEGE OF ENGINEERING (Anna University) | 2001 – 2005

  B-Tech (IT)

- ALAGAPPA UNIVERSITY | 2015 – 2017

  MBA (Human Resource Management)