VIGNESHPERUMAL SUNDARRAJAN

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Resourceful Software Quality Assurance Engineer with 6 years handling complete review process. Expertly assists IT design, testing and maintenance to preserve application effectiveness. Offers detailed patch assessment and script automation to handle service delivery in rigorous always-on environments. Actively resolves technical complications during application QA testing.

Skills

- Agile methodology, SDET, JIRA, HP-ALM, Agile Requirement Designer-Gen AI
- CI/CD: GitHub, Bitbucket, Jenkins, Spec flow
- Postman-API testing, MySQL, Eclipse, Page Mapping, Debugging
- Project management
- Bug tracking
- Test case development

- Core Java, Selenium, Cucumber BDD framework, Gherkin
- Functional/ Manual, Automation, Mobile (Perfecto), Accessibility (JAWS) testing
- Regression, Smoke and Sanity testing
- Strategic planning
- Results validation
- Documentation and materials

Accomplishments and Professional experience

- Supervised team of 3 staff members.
- Led team across Technology and design assigned task, raised access, provided KT.
- Documented and resolved defects which led to successful deliver from QA.
- Planned, executed, and controlled assigned projects, ensuring work performed complied with contractual requirements & set up and managed team meetings. Created successful test scripts to manage automated feature testing, Documented integration issues and vulnerabilities and outlined improvement recommendations.
- Reviewed standard product applications to identify part characteristics relevant to real-world applications in preparation for test design. Identified bugs and issues within system and applied troubleshooting techniques for mitigation purposes.
- Reviewed all test cases and test scripts for quality and identified additional areas to review. Outlined concrete methods of utilizing calipers and tape measures to gather measurements of production units.
- Weekly team testing status updated in MYPM site (Project monitor) to report senior management. Planned, executed, and controlled assigned projects, ensuring work performed complied with contractual requirements & set up and managed team meetings.

- Scripts committed and pushed into Azure DevOps Stash and Selenium automation with BDD. Performed failure analysis and provided fixes, which made possible in increasing the pass percentage.

- Involved in maintaining the automation tests for 200+ scripts and maintenance on the daily basis also effectively used Defect / Test management tools like JIRA, ALM (Agile Lifecycle Management)

- Attended Daily status call with Client & Collaborated different regions status and collected failures and reason shared with client daily basis without fail. Streamlined troubleshooting processes to improve system support and enhance communication between support team and end-users.

- Maintained tactical control of project budgets and timelines to keep teams on task and achieve schedule targets. Proposed technical feasibility solutions for new system designs and suggested options for performance improvement of technical components.

- Used Microsoft Excel to develop inventory tracking spreadsheets.

- Resolved product issue through consumer testing.

- Achieved deadline projects completion on time through effectively helping with QA task.

Work history

Team Lead

JP MORGAN Services India Private Limited,   *May 2023 - December 2023*
Bengaluru, Karnataka, India

Domain Investment banking ETF (Exchange traded Fund) Mutual Fund, NAV update calculation

- Created successful test scripts to manage automated feature testing, Documented integration issues and vulnerabilities and outlined improvement recommendations. Reviewed standard product applications to identify part characteristics relevant to real-world applications in preparation for test design.

- Identified bugs and issues within system and applied troubleshooting techniques for mitigation purposes. Reviewed all test cases and test scripts for quality and identified additional areas to review. Outlined concrete methods of utilizing calipers and tape measures to gather measurements of production units.

- Basket creation, Basket Valuation, Create and Redeem order placement by using ETF instruct.

- PCF file uploading after valuation clearance and placing order through Authorized participant, Distributor and OTT manager with different entitlement check.

- Test data setup done by platform reference as static method and maker checker approval.

- Supplemental mode covered from UAT perspective and settlement cycle scenarios covered on T+1, T+2., PROD and UAT perspective.

- VET, CSW, Admin Centre, OLE and OCE tools used for pre and post bursting to release the orders in UAT.Handled couple of associates team, had assigned task, raised access, provided KT. Weekly team testing status updated in MYPM site (Project monitor) to report senior management.

- Planned, executed, and controlled assigned projects, ensuring work performed complied with contractual requirements & set up and managed team meetings.

- Adapted procedures to mitigate issues and improve deficiencies.

- Reassessed quality control measures at systemic level to proactively identify non-conformances.

Associate projects

COGNIZANT TECHNOLOGY SOLUTIONS,   *July 2022 - April 2023*
Bengaluru, Karnataka, India

Domain- Telecommunication

LexisNexis is a leading global provider of content-enabled workflow solutions designed specifically for professionals in the legal, risk management, corporate, government, law enforcement, accounting, & academic markets.

- POC and Lead for Asia pacific and UK region validated stability of Lexis Nexis corporation application.

- Led both region automation trigger in Jenkins builds along with spec flows.

- Involved in maintaining the automation tests for ~ 250+ scripts and maintenance on the daily basis.

- Scripts committed and pushed into Azure DevOps Stash and Selenium automation with BDD.

- Performed failure analysis and provided fixes, which made possible in increasing the pass percentage.

- Performed Regression testing on every new build of the application using Selenium automation.

- Attend Daily status call with Client & Collaborated different regions status and collected failures and reason shared with client daily basis without fail.

- Maintained tactical control of project budgets and timelines to keep teams on task and achieve schedule targets.

- Provided project report and milestone updates to manager by weekly.

- Produced quality standards, checklists, report templates, and processes

- Optimized test cases to maximize success of manual software testing.

- Conducted regression testing, analyzed results, and submitted observations to development team.

System Engineer

TATA CONSULTANCY SERVICES, Bengaluru,   *October 2017 - July 2022*
Karnataka, India

Worked on multiple banking clients (Goldman Sachs, Huntington National, Morgan Stanley bank) in 4 years of testing has Transaction and Loan Module &Loan processing, Mobile Testing

- Expertise in testing Web and Windows based applications, Mobile application which is developed using different technologies

- Good knowledge on End-to-End phases of Software Testing Life Cycle (STLC)with work experience on Requirement analysis, Test design, Test execution, Defect reporting and tracking

- Good Knowledge in Agile and waterfall methodology

- Hands on expertise in automation testing tools which includes BDD, Visual studio, perfecto and Cucumber using Typescript and Jaws for Accessibility

- Verified compliance with applicable performance metrics and compatibility expectations.

- Expertise in Designing and Developing Test Cases and Generating Test Scripts

- Extensively worked in writing test scripts using JavaScript-Typescript (JS) in Cucumber feature file

- Performed Smoke Testing, Functional Testing, Integration Testing, System Testing, Regression Testing, Jenkins trigger

- Effectively used Defect / Test management tools like JIRA, ALM (Agile Lifecycle Management)

- Proposed technical feasibility solutions for new system designs and suggested options for performance improvement of technical components.

- Streamlined troubleshooting processes to improve system support and enhance communication between support team and end-users.

- Resolved issues and escalated problems with knowledgeable support and quality service.

- Contributed to root cause analysis to determine core reason for failures and errors.
- Performed quality inspections and drafted reports to detail non-conforming material issues.

ADDITIONAL EXPERIENCE

- TATA CONSULTANCY SERVICES, Assistance system trainee, Trivandrum, Kerala, India - 2016 – 2017
- Trained as quality assurance trainee in college after placement in TCS Pre-Initial learning program (Pre-ILP) and Initial learning program (ILP) after received offer letter from TCS training lab.
- Trained on Traceability matrix creation, maintenance, creation and updating testcase sheet, provided status.
- Good knowledge gained on Agile methodology, End-to-End phases of Software Testing Life Cycle (STLC)with work experience on Requirement analysis, Test design, Test execution, Defect reporting and tracking. Covered Integration Testing, System Testing, Regression Testing for the application

Education

Bannari Amman Institute of Technology (Anna University) at Sathyamangalam, Tamil Nadu, India
Bachelor of Technology [B. Tech] in Information Technology   March 2017

GPA: 72.63% (CGPA: 7.69/10 | First class)

PDRV HS School at Harur, Tamil Nadu, India
Higher Secondary Class, Grade 12 Exam in Biomathematics   March 2013

89.25% GPA

Certifications

- Generative AI Leader, Google Skills [Completed] 2025
- PyCharm for Beginners, Great Learning Academy [Completed] 2025
- Information storage and management, DELL Technologies [Completed] 2016
- Quality Assurance & Agile Project Management, Udemy [Completed] 2022

Achievements/Awards

- On the spot award, TCS January 2019-March 2019
- Learning Achievement Award, TCS January 2021-March 2021

Languages

English   Tamil