Padmaarajan V

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Video Cover Letter | GITHUB PROJECT

SUMMARY

QA and Automation Test Engineer with 2+ years of experience in **functional and non-functional** testing, specializing in automation using Java**,** Selenium, and Hybrid Frameworks.

Resolved a major data quality issue by eliminating **10% duplicate data** (8,000 out of 80,000 records), lowered storage costs and significantly boosting **AWS Pipeline performance** through automation.

Awarded Employee of the Month by the Project Manager for outstanding contributions to quality assurance and process efficiency.

SKILLS

Automation Testing & Manual : Functional Testing, Selenium Tool, Cross-Browser Testing, Smoke Testing, Regression Testing and Debugging

Automation Frameworks : TestNG, JUnit, Page Object Model (POM), Data-Driven Testing (DDT), Apache POI, Utility, Reusability and Logging (Log4j)

DevOps : Maven, Git, GitHub, Jenkins (CI/CD) and Docker

Programming Language : Core Java

Performance Testing : JMeter

Mobile Testing : Browser Stack and Device Testing (Android/iOS)

Database : PostgreSQL, MySQL and phpMyAdmin Database

Test Management & Reporting : JIRA, Trello. Extent Reports and TestNG Reports

EXPERIENCE

CHECKTRONIX (LIGHTCAST) PVT LTD   **CHENNAI, INDIA**

Data Aggregation Associate (Automation Testing and ETL Testing)   July 2024 - Current date

- Designed and executed comprehensive manual and automated test cases for job data pipelines, enhancing extraction accuracy from job boards by 30%.
- Engineered and automated a duplicate detection using Java, Selenium, and Apache POI, eliminating 8,000+ Duplicate records from 80,000 significantly boosting data quality and efficiency.
- Validated ETL workflows via AWS Data Pipeline, ensuring seamless and error-free job data transformation and ingestion.
- Performed advanced filter testing (boundary value and negative scenarios) on job attributes, uncovering 25+ critical defects and improving filtering precision.

- Streamlined defect tracking and cross-functional collaboration using JIRA and Excel, accelerating issue resolution and improving QA turnaround times.

CLOUDREVEL INNOVATIONS PVT LTD.   CHENNAI, INDIA
Junior Software Tester   May 2023 to April 2024

- Executed 6 agile sprints by planning and validating 3,700+ test cases with a 95% success rate, achieving a low 5% defect leakage and ensuring high-quality product releases.
- Built and maintained a robust automation suite using Selenium, TestNG, and the Page Object Model (POM), Data-Driven Testing (DDT) with Apache POI for scalable and reusable test coverage.
- Performed end-to-end functional, regression, sanity, and integration testing, uncovering critical bugs that enhanced product reliability and user experience across multiple modules.
- Led performance testing with JMeter, simulating real-world load and stress scenarios to validate system resilience and optimize response times under pressure.

SPECTRUM TALENT MANAGEMENT LIMITED.   CHENNAI, INDIA
Contract Support Associate   April 2021 to June 2022

- Supported on-site customer operations and assisted in resolving field-level issues. Interacted with teams to gather and understand customer requirements.
- Ensured smooth service coordination and reported recurring operational concerns.
- Worked under a third-party contract.

EDUCATION
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BE – MECHANICAL ENGINEERING   CHENNAI, INDIA
Panimalar Engineering College   May 2017 to September 2020

DIPLOMA IN MECHANICAL   CHENNAI, INDIA
Panimalar Polytechnic College   June 2014 to May 2017

CERTIFICATIONS
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- Core Java, Automation - Selenium Testing, Manual Testing and MySQL – *Besant Institute, Chennai*
- **The Complete Software Testing Bootcamp** – Udemy
- **The Complete SQL Bootcamp** – Udemy

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