Hardeep Digra
Test Automation | Test Manual | Quality Assurance (QA)

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Professional Summary

Experienced QA Engineer with 4.5+ years of expertise in both manual and automation testing. Proficient in API testing, regression testing, and ensuring high-quality standards across ERP, ETL, and Banking projects. Skilled in validating data integrity, performing end-to-end testing, and driving improvements through collaboration with cross-functional teams to enhance software quality and performance.

Skills

Testing: JIRA, Zephyr, Selenium (Java), Cucumber, Postman, API Testing (Karate, Postman), MySQL, pgAdmin, Agile Methodology, SDLC, STLC, Test Case Design, Bug Reporting, Functional Testing, System Testing, UAT, Regression Testing.
Frameworks: TDD/BDD, Page Object Model (POM)

Work Experience

SourceFuse Technologies India Pvt Ltd - Tester-Automation | May 2022 - Present
Rakuten-OAT (ETL Domain)
- ➢ Manual Testing Responsibilities:
  - ○ **ETL Process Testing**: Performed manual testing on ETL processes, ensuring data integrity during extraction, transformation, and loading phases across various systems
  - ○ **Test Case Creation and Execution**: Developed test cases for verifying data accuracy, consistency, and completeness through the ETL pipelines.
  - ○ **Database Validation**: Validated data between databases and datasets, ensuring that the data loaded into the system was accurate and aligned with expectations.
  - ○ **Monthly Data Source Validation**: Each month, validated the incoming data source files to ensure they were correctly loaded from the source location to the UDS layer. Ensured that stored procedures were executed successfully, and PDS (Processed Data Set) datasets were populated accurately, leading to correct dashboard data population.
  - ○ **Dashboard Data Validation**: Conducted daily validation of over 50+ dashboards, checking for any data spikes or dips in values. Reported discrepancies to the client promptly for quick resolution.
  - ○ **Chatbot Testing**: Tested chatbot functionality by simulating user queries linked to various dashboards. Validated that the chatbot correctly retrieved and displayed the relevant data from the dashboards based on the user's question.

- ○ **Defect Reporting and Resolution**: Identified, logged, and tracked defects in JIRA, working closely with the development and ETL teams to ensure timely resolution of issues.
- ○ **End-to-End Testing**: Executed end-to-end testing of the ETL workflows, validating that data was correctly moved and transformed through the system while meeting all business requirements.

BizBooks Project (ERP Domain)
- ➢ Manual Testing Responsibilities:
    - ○ **Executed Functional and Regression Testing:** Executed functional and regression testing for ERP financial modules (SOWs, revenue expenses, reporting).
    - ○ **Test Case Preparation:** Developed detailed test cases based on user stories and business requirements, ensuring thorough test coverage for all modules of the ERP application to meet quality standards.
    - ○ **End-to-End Testing:** Performed end-to-end testing for various financial transactions and reporting features, validating the integrity of workflows from initiation to completion.
    - ○ **Defect Logging and Collaboration:** Logged and tracked defects using JIRA, collaborating closely with development teams to identify, address, and resolve issues promptly, enhancing the overall quality of the application.
    - ○ **Continuous Improvement:** Provided feedback on testing processes and product functionality and new improvements, contributing to the enhancement of testing strategies and overall software quality.
    - ○ **Team Leadership and Sprint Demonstrations:** Led the Manual Testing Team and conducted knowledge transfer (KT) sessions for new members, while also showcasing results in sprint demos for the stakeholders after testing user stories.

- ➢ **Automation Testing Achievements:**
    - ○ Led the regression suite automation activity using Selenium (Java), automating test cases, which resulted in a 30% reduction in testing time and a 25% decrease in manual testing efforts.
    - ○ Developed utilities for test case reporting (Zephyr API) and end-to-end API testing automation (Karate).

Infosys Limited
System Engineer | Nov 2020 - May 2022

- ➢ **Nationwide Building Society Collaboration (Banking Domain)**
  Manual Testing Responsibilities:
    - ○ Conducted manual testing for banking applications (Risk Analysis, Actimize, Fraudulent Transactions)

- - - Prepared test cases and performed functional, system, integration, and UAT testing.
    - Logged defects in ALM, collaborated with stakeholders for issue resolution.
  - ➢ **Automation Testing Achievements:**
    - Developed frameworks for banking applications using Selenium (C#), Specflow, and NUnit.
    - Migrated legacy scripts from QTP/UFT to Selenium, enhancing execution efficiency.

System Engineer Trainee | Feb 2020 - March 2022
- ➢ Attended Infosys training program at Mysore campus, enhancing foundational skills in software testing

Education

- **B.E. in Computer Science & Engineering** Chitkara University, Baddi, 2020
- **Currently Pursuing MBA in Business Analytics** Symbiosis International University, (2024 - 2026) - Online Mode (under SSODL)

Certifications

- Postman: API Fundamentals Student Expert & Engineer Learning Path
- LambdaTest: Selenium Advanced Certification & Cypress 101
- AWS: AWS Certified Cloud Practitioner (CLF-C02)

Honor Awards:

- THE SUPER SQUAD AWARD - Team of the Quarter - Q4`2024 - Sourcefuse Technologies
- Employee of the Quarter (10/2022 - 12/2022) - Sourcefuse Technologies
- RISE INSTA AWARD (09/2021) & (05/2021) - Infosys Ltd

Declaration: I hereby declare that the information provided above is true to the best of my knowledge and belief.

Hardeep Digra