Krushna Chandra Padhy

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PROFESSIONAL SUMMARY

Software Automation Test Engineer with **4.3 years** of experience in **Black Box Testing**, working across the full **Software Development Life Cycle (SDLC)**. Experienced in writing and executing test cases, reviewing test documentation, and identifying defects in coordination with development teams. Knowledgeable in various testing techniques including **Sanity**, **Smoke**, **Functional**, **Retesting**, **Regression**, **Browser Compatibility**, **Integration**, **Usability**, and **GUI Testing**. Hands-on experience in **UI Automation Testing** using **Selenium WebDriver** with **Pytest** and **Robot Framework**, along with **API Testing**. Familiar with standards such as **ISO**, **CMM Levels**, and the **Agile methodology**. Proficient in using **ALM 11** and **JIRA** for test and defect management. Comfortable working in **UNIX** environments using Putty for backend validation.

Worked on web-based applications and prepared **SRS to Test Case Mapping Sheets**. Communicated with clients and business analysts to gather requirements and clarify use cases. Focused on delivering consistent and accurate test coverage across releases.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, Unix Shell Scripting

- **Frameworks:** Pytest, Robot Framework, BDD/TDD, Playwright, Cucumber, TestNG, Appium

- **Web Development:** API Testing, UI Testing, Security Testing, Manual Testing, Regression Testing, Cross-Platform Testing, Test Planning and Execution, Test Automation, Mobile Testing, Load Testing, Dataset Automation using Python Script

- **Testing Frameworks:** Selenium, Pytest, Robot, Test Case Design, Test Case Coverage, Regression Testing, Cross-Platform Testing, Test Planning and Execution, Test Automation, Defect Tracking and Management , Performance Testing , JMeter, BUGZILLA, Rest Assured, ALM,

- **Database Technologies:** SQL Server, MySQL, mongoDB,

- **Tools & Version Control:** JIRA, Git, GitLab, Docker, PyCharm

- **DevOps Tools:** AWS (EC2), Azure DevOps, CI/CD, Kubernetes

- **Design Patterns:** BDD, TDD

- **Agile Tools:** Agile Methodologies,Bug Tracking

- **Additional:** Python Request Module, UI Automation, Test Scripts

WORK EXPERIENCE

Software Test Engineer _march 2021 – Present_
JPMorgan Chase Bank

- Collaborated on **50+ FRS (Functional Requirement Specification)** documents over 4 years to interpret business needs and define test coverage with precision.

- Authored and versioned over **500+ test cases**, evolving from basic use case coverage to handling complex integration scenarios across enterprise applications.

- Ran more than **700+ test cases** across **25+ application modules**, ensuring full system and regression testing with continuous enhancements.

- contributed to **40+ peer reviews**, mentoring junior testers and improving test design quality by over **35%**.

- Designed and managed **30+ SRS-to-Test Case Mapping Sheets**, ensuring **100% traceability** and compliance with audit standards.

- Performed over **300+ database integrity checks** using SQL and backend validations across high-volume transactions.

- Delivered **bi-weekly and monthly status reports** to **cross-functional stakeholders**, supporting data-driven release decisions.

- Facilitated **50+ sprint planning and review meetings**, representing QA and identifying risks and mitigation plans. .

- Logged and Followed up on **100+ defects** using **HP ALM**, contributing to a **95% defect closure rate** before release.

PROJECTS

BankFlow AutoSuite – Selenium-Python Framework for Core Banking Modules

QA Automation Engineer

Team Size:12
May 2024 – Present

Domain: Banking, Digital Financial Services
Technologies: Python, Selenium WebDriver, Pytest, JSON, Excel (openpyxl), SQL, Allure Report, Jenkins
Tools: Git, GitHub, JIRA, TestRail, Postman, ChromeDriver, WebDriverManager

- Worked closely with business and development teams to understand banking flows and automation requirements for modules such as **Fund Transfer**, **Bill Payments**, **Loan EMI**, and **Mini Statement**.

- Authored **300+ automated test cases** using **Pytest and Selenium**, enhancing reusability through data-driven testing with **Excel** and **JSON**.

- Developed and optimized dedicated **Smoke and Regression suites**, Achieved 70% reduction in manual effort through automation .

- Executed backend validations through complex **SQL queries**, ensuring transactional accuracy post-automation execution.

- Integrated test automation pipeline with **Jenkins**, configured **Allure Reports**, and established automated **email notifications** for build status.

- Reported and tracked **100+ bugs** via **JIRA**, including evidence-based reporting with logs and screenshots.

- Carried out **cross-browser UI validation** across **Chrome and Firefox**, ensuring consistency in critical user flows.

- Engaged in in **peer code reviews** and maintained robust version control practices through **Git and GitHub**.

PROJECTS

RBC – Salesforce CPQ Implementation

QA Automation Engineer

Team Size: 10
April 2022 – February 2024

Client: Royal Bank of Canada, Canada
Domain: Banking, Salesforce CRM
Technologies: Python, Selenium, PyCharm, Pytest, Robot Framework, Unittest, Postman, Git, Docker, File Processing, Putty, AWS (EC2)
Tools: HP ALM, Postman, Git, Docker, Putty

- Analyzed **20+ FRS documents** and translated customer requirements into test objectives and use cases.

- Designed and executed over **200+ test cases** across Salesforce CPQ modules to validate key banking workflows.

- Reviewed and optimized **150+ test cases**, increasing test accuracy by **25%** through peer feedback and traceability.

- Mapped **SRS to test cases** for **100% requirement coverage**, reducing missed functionalities during validation.

- Performed backend data validation using **Putty** and SQL scripts to ensure **database integrity** across services.

- Delivered **weekly status updates** to higher management, ensured timely reporting and alignment with deliverables.

- Participated in **30+ Agile status meetings**, providing updates on test progress and blockers.

EDUCATION

B.Sc - Bachelor of Science

Khallikote University, Odisha

August 2017- July 2020

ACHIEVEMENTS AND LEADERSHIP ROLES

- Led a team of 4 in an internal QA innovation sprint, where we built a Selenium-based test automation POC that reduced regression time by **40%**.

- Recognized as **"Best Quality Contributor"** for consistently identifying high-impact defects during UAT cycles in 3 consecutive sprints.

- Mentored 2 junior QA interns, guided onboarding and upskilling of QA interns in Pytest and defect management workflows within **2 weeks**.

- Initiated a weekly **"Test Case Review Circle"** within the team, improving peer review coverage and reducing duplication by **30%**.