Sakshi Rakesh Kumar

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Summary

Quality Assurance professional with 4+ years of experience testing digital payment and banking applications across functional, regression, integration, API and performance testing. Skilled in Selenium WebDriver with Python, PyTest, Postman, JMeter, SQL, Jira and Azure DevOps, with experience in test automation, defect investigation and AI-assisted test case validation. Experienced in Agile/Scrum teams and close collaboration with developers to identify defects early, validate critical business workflows and deliver reliable software releases.

Skills

- **Software Testing:** Functional Testing, Manual Testing, Regression Testing, Integration Testing, End-to-End Testing, Cross-Browser Testing, Risk-Based Testing
- **Test Automation:** Selenium WebDriver, Python, PyTest, Page Object Model, Automated Regression Testing, Test Script Development
- **API Testing:** REST API Testing, Postman, Request/Response Validation, HTTP Status Codes, API Integration Testing
- **Performance Testing:** Apache JMeter, Load Testing, Stress Testing, API Performance Testing, Response Time and Throughput Analysis
- **Database Testing:** SQL, Backend Data Validation, Data Integrity Testing, Transaction Reconciliation, Data Consistency Checks
- **Test Planning and Execution:** Test Case Design, Test Scenario Development, Test Data Preparation, Test Execution, Requirements Traceability
- **Defect Management:** Jira, Azure DevOps, Defect Lifecycle Management, Bug Reporting, Severity and Priority Assessment, Defect Retesting, Root Cause Investigation
- **Digital Payments Testing:** UPI Transactions, Digital Wallets, Payment Processing, Transaction Reversals, Payment Failure Scenarios
- **Banking Domain Testing:** Online Banking, Account Management, Fund Transfers, Loan Servicing, Bank Statements, Business Rules
- **AI-Assisted Quality Assurance:** AI-Assisted Test Case Generation, AI Output Validation, Edge-Case Analysis, Incomplete-Input Testing
- **Agile and Release Management:** Agile/Scrum, Sprint Planning, Daily Stand-ups, Backlog Refinement, SDLC, STLC, Sprint Testing, Release Validation, QA Documentation, Collaboration with Developers, Cross-Functional Collaboration

Experience

Quality Assurance Engineer | Cognizant | Canada **June 2025 – Present**

- Designed risk-based test scenarios for online banking applications covering account management, fund transfers and loan servicing, translating business requirements into test cases that helped validate critical banking workflows before release.
- Automated prioritized regression scenarios using Selenium WebDriver with Python, PyTest and the Page Object Model, running suites in Azure DevOps pipelines and achieving approximately 35% automation coverage while reducing repetitive manual execution.
- Validated REST APIs using Postman and SQL queries to check account data, transaction postings and backend responses, investigating data-mapping discrepancies between integrated application components.
- Performed performance testing of key account and fund transfer REST APIs using Apache JMeter, running load and stress tests at expected peak volumes and analyzing response times, throughput and error rates to report bottlenecks to developers before release.
- Executed end-to-end testing across web applications and backend services by preparing test data, checking positive and negative scenarios and verifying defect fixes, contributing to an estimated 20% reduction in recurring defects through improved regression coverage.
- Evaluated AI-assisted test case generation workflows, reviewing generated scenarios against business requirements and edge cases, reducing initial test scenario drafting effort by an estimated 25% where the workflow was applicable.
- Assessed AI-enabled functionality where applicable by checking output consistency, incomplete-input handling and failure scenarios against defined acceptance criteria, documenting issues that required further investigation.
- Worked in a Scrum team, participating in sprint planning, daily stand-ups, backlog refinement and retrospectives, and collaborated with developers to clarify acceptance criteria, reproduce defects and verify fixes within the sprint.
- Coordinated defect triage and release testing with developers, business analysts and product owners using Azure DevOps Test Plans and Jira, prioritizing critical issues and maintaining traceability between requirements, test cases and defect resolution.

Quality Assurance Analyst | Paytm | India **July 2021 – July 2023**

- Analyzed user stories and requirements during Agile sprint planning for digital payment journeys involving UPI transactions, wallet operations and payment status updates, developing test scenarios to verify transaction processing and customer-facing business rules.
- Executed functional, integration and regression tests across payment workflows, checking transaction initiation, success and failure responses, reversals and error handling to identify defects before deployment.
- Verified REST API responses using Postman and SQL queries, comparing transaction records with expected results to investigate discrepancies between application responses and backend data.
- Automated repeatable web application test cases using Selenium WebDriver with Python and PyTest, increasing automation coverage of selected payment regression scenarios by approximately 30% and reducing repetitive manual test execution.
- Investigated failed payment scenarios by reproducing defects, reviewing available application logs and tracing transaction behavior across dependent services, helping developers isolate root causes and prioritize issues affecting transaction completion.
- Managed defects in Jira by recording reproduction steps, expected and actual results, severity and supporting evidence, contributing to an estimated 20% reduction in defect clarification cycles through clearer defect documentation.
- Validated negative payment scenarios and application behavior for invalid inputs, interrupted transactions and error responses, helping identify inconsistencies that could affect the customer payment experience.

Software Test Engineer | CloudSphere IT Labs | India **July 2020 – June 2021**

- Prepared test cases from functional specifications for web-based applications, covering primary workflows, field validations, navigation and error messages to establish structured functional test coverage.
- Performed manual functional and regression testing after application changes, comparing actual behavior against expected results and reporting defects for developer investigation.
- Checked form submissions, input boundaries and session behavior across supported browsers, identifying compatibility and validation issues affecting application workflows.
- Executed approximately 100 test cases per release cycle across assigned modules, maintaining execution results and defect records to communicate application quality and testing status.
- Documented defects in Jira or the project's designated tracking tool, including reproduction steps, screenshots and expected results so developers could investigate issues and verify fixes.
- Supported API and database validation using Postman and basic SQL queries where applicable, checking service responses and persisted data to identify inconsistencies beyond the user interface.
- Retested resolved defects and performed targeted regression checks to confirm expected behavior after fixes, helping the team identify unintended changes before release.

Education

Masters in Quality Systems | Concordia University **Sep 2023 – May 2025**

Bachelors in Computer Engineering | Mumbai University **Aug 2017 – May 2021**