

Mokhammed Ali Patvari

Software QA Engineer

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SUMMARY

- 5+ years of extensive experience in software manual/automation testing for web, mobile, and client-server applications.
- Proficient in building and maintaining automation frameworks from scratch using JAVA, Selenium WebDriver, RestAssured/Retrofit, Cucumber, JDBC, JDBC Spring, Hibernate, TestNG, and JUnit.
- Skilled in developing and managing automated API test scripts.
- Expert in creating detailed test documentation, including Test Plans, Test Suites, Test Cases, and User Stories.
- Experienced in performing various testing types, such as Functional, Regression, Sanity, Smoke, End-to-End (E2E), User Acceptance, API, GUI, Integration, Cross-browser/Cross-platform test.
- Experienced of writing SQL queries, executing Unix/Linux commands, and automating DB testing
- Strong knowledge of the Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC), and Bug Life Cycle.
- Passionate about learning new technologies, like AI, and embracing challenging concepts.
- Excellent problem-solving, organizational, communication, and analytical skills, with a keen attention to detail.

PROFESSIONAL EXPERIENCE

3M, Minneapolis, Contract
Senior QA Automation Engineer

November 2022 - Current

- **Testing Retail Systems:** Conducted comprehensive testing for a retail company specializing in professional wholesale equipment.
- **Framework Development:** Built an automation framework from scratch using Java, JUnit5, Selenium WebDriver, Retrofit, and JDBC Spring.
- **Automated Regression & Smoke Testing:** Developed and maintained end-to-end (E2E) regression and smoke test suites.
- **API Testing Automation:** Implemented automated API testing using Retrofit and Postman.
- **Optimized Test Execution:** Enhanced parallel execution strategy with Selenium Grid and AWS EC2 servers, reducing regression test time by 35%.
- **Real-Time Bug Reporting:** Established a real-time bug reporting system with Allure Report, cutting bug reporting time from 15 to 5 minutes.
- **Database Operations Verification:** Ensured accurate data storage and retrieval by verifying database operations with JDBC, Spring, Oracle, and PostgreSQL, and validating SQL queries.
- **Cross-Functional Collaboration:** Collaborated closely with product, design, engineering, and outsourced teams to review requirements, discuss/reproduce defects, and identify solutions.
- **CI/CD Pipeline Development:** Developed and optimized CI/CD pipelines using GitHub Actions.
- **Lead Bug Triaging:** Led bug triaging efforts and escalated issues as necessary.
- **Figma PRD Review:** Provided early-stage feedback on Product Requirement Documents (PRDs) in Figma, significantly reducing defects early in the SDLC.
- **Agile Methodology:** Participated in Sprint Planning, Backlog Grooming, Daily Standups, and Retrospective meetings.

- **Testing Mobile Banking App:** Conducted mobile testing using xcode
- Implemented product automation, **creating 350 fully automated** complex backend test scenarios with **Java, RestAssured** and **JUnit5 framework**.
- Trained 4 colleagues in automation through a comprehensive video and text course. Taught new tools and Java to junior team members, enhancing their testing skills and fostering a learning and growth-oriented team.
- Set up automated tests to run as part of the Continuous Integration/Continuous Deployment (CI/CD) pipeline.
- Implemented cleaner test assertions with Hamcrest and Lombok, leading to easier maintenance and readability of test scripts.

- **Ensured product quality**, leading to 12 consecutive bug-free releases over 9 months.
- Automated 200 test scenarios with **Cucumber Framework** (BDD) for UI and API.
- Utilized **Java, Selenium, and RestAssured** for testing websites and APIs.
- Worked in a Scrum team, adapting quickly to changes and contributing to sprints with both technical skills and effective teamwork.
- Collaborated with developers, product managers, and other team members to enhance testing plans and strategies, resulting in improved software quality.

SKILLS:

Languages: Java, Python.

Tools: Selenium, Selenide, Selenium Grid, RestAssured, Retrofit, Postman, Java JDBC, Spring JDBC, JPA, Hibernate, SQL, Oracle, PostgreSQL, Unit5, JUnit4, TestNG, Cucumber, Maven, Gradle.

Git: Github, Gitlab.

CI/CD: Jenkins, GitHub Actions, Docker

Methodology: Agile (Scrum, Kanban), BDD, DDT

Platform: Windows, macOS, iOS, Android

Soft Skills:

- Demonstrated strong analytical abilities, attention to detail, and problem-solving skills throughout all testing and development processes.
- Proven ability to mentor and train team members in technical skills and best practices, enhancing team capabilities and performance.
- Really good at keeping up with fast changes in work, like new projects, tools, or team setups, to make sure we always do great work.