ASKHAN HASSAN

Lead QA Engineer

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An **ISTQB-certified QA Engineer with 9+ years' experience** in manual and automation testing of Web, Mobile, and API platforms. Proven success leading test strategy, designing automation frameworks, and optimising CI/CD pipelines in Agile environments. **Experienced in Healthcare, Payment Gateway, Stock Exchange, TAAS Platforms and Event Technology** with accomplishment of boosting test coverage, reducing execution time and mentoring performing QA teams.

SKILLS

• Test Automation: Selenium, Appium, Playwright, Cypress, BrowserStack, Behave, Katalon
• Languages: Java, Python, Java Script
• Test Management: Jira, QMetry, Monday, Mind Maps, Azure DevOps
• CI/CD & Version Control: GitLab, GitHub Actions, Jenkins
• API & Backend Testing: Postman, Swagger, Charles Proxy, SQL
• Cloud & Data: AWS, S3 Buckets, DataDog
• Soft Skills: Communication, Time Management, Decision Making, Attention to Details

CERTIFICATIONS

• ISTQB – Certified Tester Foundation Level (CTFL) Jan/2025

WORK EXPERIENCE

Associate QA Lead | Trust Payments   Sep/2024 – Present
• Improved test automation **pass rate from 65% to 98%** by identifying and fixing flaky tests and implementing robust error-handling mechanisms.
• Enhanced and maintained the automated **test framework built on BDD using Tech-stack such as Python, Selenium, Behave and Browserstack etc** improving reliability and efficiency of test execution.
• Applied in-depth domain knowledge of **digital payments** (Apple Pay, Google Pay, Card Payments) and their security protocols to guide QA strategy and ensure platform compliance with **PCI-DSS and PSD2**.

• Monitored daily CI/CD test pipeline execution in DataDog, analysed failure trends, and created Jira tickets for resolution.
• Performed **manual and exploratory testing** for new features, ensuring high-quality releases in an Agile environment.
• Collaborated closely with developers, product owners, and stakeholders to **sign off on release quality before deployment to production**.
• Defined and expanded test cases across multiple automated test suites, documenting results and tracking defects.
• **Provided accurate test estimations and testing strategies** to support sprint planning and project timelines.
• Participated in **retrospectives and workshops**, driving process improvements and best practices in QA.

Software QA Lead | FCode Labs   Jan/2024 – May/2025
• Managed and **trained more than 10 Junior QA Engineers**, ensuring their professional growth and enhancing team productivity.
• Implemented the **Shift Left Testing** approach by collaborating with developers and product owners early in the lifecycle to identify potential defects in design and requirements.
• Created an omni test **automation framework** leveraging **Appium**, **Playwright**, **Rest Assured**, **Java** and distributed using **GitHub**, **Actions** and **Packages**.
• Reduced test execution time by **30%** through the automation of the smoke test suite.
• Ensured **security compliance** by applying industry-specific regulations, including **GDPR** and **PDPA**.
• Designed comprehensive Test Plans, Test Scenarios and Test Cases ensuring thorough testing coverage and accurate results using **JIRA** and **Mind Map** tools.
• Executed test plans and provided detailed execution reports after every test cycle using **QMetry**.
• Performed backend testing on the database using **SQL** to validate the accuracy, and successful migration of data.
• Conducted **API** testing using **Postman** and **Swagger** documentation to validate endpoints, request-response structure across systems.
• Performed rigorous testing on massive datasets collected via mobile and stored in **AWS S3** buckets, ensuring data integrity, accuracy, and proper storage functionality.

Software QA Lead | Gapstars   Apr/2022 – Feb/2024
• As the **first QA Engineering personnel** of the project took full ownership and worked independently in a fast-paced agile team.
• Created a **mobile automation framework** from scratch using **Java, Appium 2.0, Maven and TestNG**.

• Provided my contribution by handling the releases & taking ownership of **QA sign off**.
• Creating and managing automation scripts for UI functionalities using Appium supporting iOS and Android devices.
• Testing the energy consumption of the app using tools like **Battery Historian** and **Xcode Instruments**.
• Developed **QA documentations**, implemented test cases, scrutinized defects, and created a concise defect report using JIRA.
• Improved the defect detection rate by **20%** by grouping defects by components, enabling the team to identify and focus on failure-prone areas more effectively.
• Teamed up with vending developers and QA personnel to engage in discussions and execute integration testing seamlessly.
• Using tools such as Swagger and **Charles Proxy** for hands-on API testing and Validation.

Senior QA Analyst | London Stock Exchange Group   Aug/2019 – May/2022

• Worked under scrum team and actively contributed to project lifecycle, including analysis, design, testing, support, and test automation enhancement.
• **Played a dual role as QA and Scrum Master** leading the Integration Testing team.
• Testing, debugging, and correcting errors in the framework developed using Java within established testing protocols, guidelines, and quality standards to ensure the application performs to requirement.
• Enhanced the automation capabilities built on **Java Selenium built on the BDD JBehave framework**.
• Reviewing the automation script developed by engineers for standards and coverage.
• Carried out **Exploratory Testing** on the edge cases.

Test Automation Engineer | Infor   Apr/2018 – Aug/2019

• Provided solutions to the users of the Infor TaaS automation platform on their **technical issues** on Web and Desktop automation by the tool.
• Conducted training/demonstrations on the features of the platform.
• Review and accept the Merge Request on Git Lab by the platform users.

QA Engineer | 1 Billion Tech   Aug/2017 – Apr/2018

• Develop and maintain test automation scripts adhering to code standards and best practices in a Scrum-driven QA team.
• Collaborate with cross-functional teams to debug, diagnose, and fix code errors while upgrading the automation framework.
• Conduct client demonstrations of automated scenarios and spearheaded POC for implementing automation at Singapore Stock Exchange.

• **Manage CI/CD pipelines** using Bamboo, analyse build failures, and resolve issues.

QA Engineer | Virtusa   Mar/2016 – Aug/2017
• Manual Testing (Functional Testing, GUI Testing, Regression Testing, Cross Browser Testing) Test Management, Test Case creation, Defect Reporting, and Management using tools like Excel, TFS (Team Foundation Server), and MTM (Microsoft Test Manager)
• Achieved the Personal Excellence Program (PEP) awards in 2016

EDUCATION
B.Sc. Software Engineering | Curtin University, Sri Lanka   Graduation Year (2015)