Afsaneh Rezaeinejad

Software QA Engineer

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Experiences

Senior QA Engineer

MoneyLion| October 2025 - Present

- Developed an AI-powered test case generation framework leveraging RAG and Figma MCP to automatically convert product requirements and Jira tickets into structured test cases, reducing manual test design effort and improving release consistency.
- Planned and executed performance testing for a cron-based payment collection API, identifying performance limits and uncovering bottlenecks that improved overall product quality.
- Designed and implemented reusable Karate-based API mocking frameworks for the new Membership API, dynamically simulating scenario-specific response behaviors and Kafka events, enabling isolated testing and parallel development of the new subscription plan while unblocking dependent pods and improving engineering delivery efficiency.
- Designed and implemented Dockerized mock services and a scalable integration testing framework using Karate, driving a shift-left testing culture by enabling backend engineers to execute integration and smoke tests during PR creation rather than after merge to master, resulting in faster defect detection, shorter feedback cycles, and reduced QA handover bottlenecks.
- Designed and implemented an MCP-based migration solution using Python to automate the conversion of UI automation tests from Katalon to Appium, reducing migration effort by up to 70% and accelerating framework modernization.
- Built an automation health dashboard using Snowflake and Periscope to monitor test performance and drive stability improvements, improving overall test stability from 70% to 80%.

Senior QA Automation Engineer

Deriv| February 2023 – Sep 2025

- Led testing for a new authentication solution by actively participating in early-stage discussions with developers and product owners, applying a shift-left approach and achieving 80% automation coverage before implementation was complete, resulting in on-time delivery with no major issues.
- Created and implemented automated test data generation scripts in Perl, leading to a 60% decrease in manual testing hours and enabling the quality assurance team to focus on higher-value tasks.
- Developed and executed performance tests for key WebSocket APIs using JMeter, ensuring system stability and optimal performance with each release.
- Directed end-to-end automation testing for the critical Wallets feature, planning and developing comprehensive Cypress test suites that reduced regression testing time by 50% and enabled early detection of major bugs.
- Built and maintained GitHub Actions workflows to run smoke tests on every commit, trigger regression tests on demand, and schedule daily and post-release sanity tests, significantly improving operational efficiency.
- Conducted in-depth experimentation with AI-powered automation tools, including TestIM, TestSigma, Autify, and Octomind, to evaluate their capabilities and alignment with project needs, ultimately identifying the most effective tool for optimizing test coverage.
- Mentored junior team members, providing guidance and establishing automation standards to enhance overall team performance.

QA Automation Engineer

Deriv| April 2022 – January 2023

- Migrated existing test suites from Robot Framework to Cypress while enforcing best practices and clean, maintainable code. Reviewed and updated test cases to ensure full scenario coverage, resulting in a 30% reduction in regression testing time.
- Identified bottlenecks in testing crypto-related changes and developed a Perl script to automate environment setup, reducing manual effort by 30% and accelerating test preparation.
- Detected delays in AWS QA environment readiness and collaborated closely with the DevOps team to investigate and resolve the issue, improving environment availability and reducing setup time for testing cycles.

QA Engineer

Dana Pardaz| April 2019 – March 2022

- Automated functional test cases using Selenium, improving regression efficiency and enhancing test coverage for web-based modules.
- Conducted thorough manual testing of API endpoints of an ITIL system using Postman, identifying critical issues early in the development process, which improved API reliability and reduced post-release defects by 20%.

QA Engineer

Hamavaran| May 2018 – March 2019

- Implemented investigative testing methodologies for VAS applications, effectively communicating findings of critical issues to enhance product reliability.

Education

Master's Degree in IT Communication Networks – Islamic Azad University | 2018 – 2020

Bachelor's Degree in IT- Institute for Advanced Studies in Basic Sciences (IASBS) | 2014 – 2018

Skills

Automation Testing: Cypress, Playwright, Selenium, Robot Framework, Appium, karate, Postman

Programming Languages: JavaScript, Python

Performance Testing: Jmeters, Grafana K6

CI/CD: Azure DevOps, GitHub Actions