

Rocky DC

Senior QA Engineer

I break things on purpose, so your users never have to.

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PROFILE

I'm a Senior QA Engineer based in Jakarta with over 5 years of experience helping software teams ship better, faster, and with confidence. I've worked across startups, scale-ups, and unicorns - building automation frameworks, defining test strategies, and mentoring junior engineers.

My approach combines strong technical automation skills with a deep understanding of product and user risk. I don't just find bugs - I build systems that prevent them.

EXPERIENCE

QA Engineer - Tokopedia

Oct 2021 - July 2026

Campaign Promotion & Gamification

- Designed and automated an end-to-end campaign data reconciliation workflow using AI Agent orchestration, replacing manual spreadsheet exports and pivot-based validation, and cross-platform product mapping across 20-60 campaigns per major sale event - reducing manual QA effort by 3+ hours per event.
- Developed 4 automated SQL-based reconciliation scripts monitoring campaign data integrity every 10 minutes - detecting zero-product readiness issues across platform and seller campaigns, cross-platform field-level mismatches across 6 key attributes, and seller flash deal activities that failed to mirror into the buyer-facing system - preventing empty, misconfigured, or invisible campaigns from impacting live users.
- Validated a multi-experiment gamification reward system, ensuring correct user assignment to reward missions based on eligibility, experiment grouping, and priority rules - covering concurrent campaign overlaps, full mission lifecycle, and 9 previously uncovered edge cases identified during test planning.
- Designed comprehensive test coverage for complex user-state combinations across membership tiers, eligibility rules, localization, and cross-platform UI behavior on Android and iOS.

Content Feeds

- Led QA for content-driven commerce features across feed product-card optimization and mission-based bonus floater flows, ensuring on-time release readiness with no QA-side launch delay across web, Android, iOS, and backend touchpoints.
- Identified and managed 25 offline defects during product optimization testing - including 12 high-priority issues - improving release quality across pricing, promotions, product-card display logic, and feed-to-product-detail consistency.
- Built an automated data-consistency validation script between feed and product detail pages, and expanded bonus-floater test coverage by uncovering 9 undocumented edge cases - preventing production issues and improving scenario coverage before launch.
- Supported a feed product-card optimization that improved key commerce engagement metrics: +8.22% GMV per user and +3.98% product click conversion after product exposure.

Seller Analytics Integration TikTok Shop

- Acted as key QA driver ensuring data accuracy and reliability for business-critical seller analytics, directly impacting platform trust and adoption across a large seller base.
- Supported multiple high-impact product initiatives including dashboards, seller tools, and data-driven features.
- Detected and resolved 100+ pre-release defects (including critical issues), achieving a 98% defect detection rate and significantly reducing production risk.
- Identified critical data accuracy issues (e.g., traffic source inconsistencies and data synchronization gaps), preventing misleading analytics and poor user experience.

Data & Service Migration - Category Service (Tokopedia to Bytecloud)

- Designed and implemented a custom data validation script to verify category, annotation, and brand mapping

consistency between legacy and target systems.

- Detected hundreds of category mismatches and thousands of annotation inconsistencies, preventing large-scale data integrity issues during migration.
- Automated large-scale data comparison across 25,000 records, reducing validation effort from multiple days to 2 hours.
- Built backend automation test suite (TeslaGo) covering 28 endpoints with full test coverage before the execution phase, enabling faster and more reliable validation cycles.

Data & Service Migration - Seller Analytics Platform (Tokopedia -> Bytecloud)

- Led end-to-end QA validation strategy for large-scale data migration, combining automation, data validation, and performance testing to minimize release risk.
- Executed performance/load testing across 40+ endpoints using Rhino and Hammerflux, ensuring stable latency and system reliability during migration.
- Identified and reported data discrepancies in analytics outputs post-migration, ensuring accuracy of key business metrics.
- Delivered a high-quality release with zero critical production issues (P0/P1/P2), zero incidents, and no SLA/redline violations post-migration.

Tools: POSTMAN, TESLAGO, RHINO, LOCUST, GOLANG, AEOLUS, SQL, REST-ASSURED, JAVA, XRAY, JIRA

QA Engineer - Freelance QA Engineer | 2024 - Present

2024 - Present

Tugu Dashboard - Blockchain Analytics Platform (2024 - 2025)

- Designed and executed a comprehensive manual test suite covering 362 test cases across 8 modules, achieving a 100% pass rate with zero failed or blocked cases.
- Conducted security-focused testing on role-based access control, identifying critical privilege escalation vulnerabilities and unauthorized data access issues.
- Identified and reported 50+ defects, ensuring all critical issues were resolved before release.
- Executed load testing across 4 endpoints simulating 20 concurrent users over 30 minutes (36,000 total requests), confirming stable performance at 20 RPS with zero errors.
- Validated API gateway business logic for a blockchain-based logging platform serving enterprise clients in the insurance and financial sector.

Rinkes.id - SaaS Platform (2026)

- Conducted exploratory testing and functional validation, focusing on identifying high-risk issues in user flows and system behavior.
- Identified critical vulnerabilities in business logic, particularly in account creation and usage limitation mechanisms.
- Executed security-focused test scenarios including input validation, file upload handling, and metadata inspection.

Tools: POSTMAN, LOCUST

QA Engineer - IndoFintek

July 2021 - Sept 2021

- Created and managed Test Plans and Test Cases using Spreadsheet-based documentation.
- Built and managed backend integration tests using Mocha Chai, integrated with GitLab CI workflow for continuous quality control of the development pipeline.

Tools: GITLAB-WORKFLOW, JAVASCRIPT, POSTMAN, Mocha Chai

Quality Assurance - PT Bank Mandiri

JUNE 2020 - JUNE 2021

- Designed, managed, and executed manual test cases and test plans for UI and backend integration testing across banking and financial features.
- Performed manual API testing using Postman, verifying correctness of transactional and financial endpoints.
- Conducted functional, regression, and sanity testing across multiple release cycles to ensure product stability.
- Documented and evaluated test results and bug cycles, maintaining clear traceability of defects across the SDLC.

Tools: POSTMAN, JIRA

TOOLS

Cypress, Selenium, Playwright, Appium, Postman, REST Assured, Testlib (Golang), Newman, GraphQL, Locust, JMeter, JIRA, XRAY, Confluence, Trello, GitHub Actions, Jenkins, GitLab CI, POSTMAN, TESLAGO, RHINO, LOCUST, GOLANG, AEOLUS, SQL, REST-ASSURED, JAVA, GITLAB-WORKFLOW, JAVASCRIPT, Mocha Chai

PROJECTS

Tamurapi.com

Digital Invitation Website Independently conceived, designed, and shipped a production web platform using a fully agentic, AI-assisted development workflow — translating product ideas and feature requirements into a live, user-facing product. Validated end-to-end user flows, cross-browser behavior, and product delivery quality as sole product owner — from feature definition through production release. Demonstrates practical experience with AI-augmented engineering workflows and product ownership beyond traditional QA scope.

[Stack/Tags: Website](#)

tamurapi.com