



ACHMAD SYAHRUL RAMADHAN

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West Jakarta - Kalideres

Software Quality Assurance Engineer with 4+ years of experience in manual and automation testing across web and mobile applications. Skilled in designing and maintaining automated test scripts, with strong expertise in API testing, database validation, and performance testing. Adept in Agile/Scrum methodologies, SDLC/STLC, and defect management. Proven track record in improving test efficiency by 80–90%, achieving 100% test coverage, and reducing release cycle time through automation.

Work Experiences

Aido Health Indonesia - South Jakarta

Oct 2023 - Present

Quality Assurance Engineer

- Developed and maintained automation test scripts using JavaScript with Playwright and Node.js, leveraging Cucumber BDD and Gherkin syntax to build scalable and reusable test scenarios, improving test coverage by 70%–80% while reducing manual testing effort.
- Conduct Load & Stress Testing to validate scalability, resulting in early detection of 50+ performance issues before production.
- Perform API testing using Postman, ensuring accuracy of integrations and reducing API defects by 80%.
- Validate databases (PostgreSQL & MySQL) to ensure data accuracy, usability, and synchronization, preventing critical data defects.
- Partner with QA team to design and implement test strategies, test cases, and test plans aligned with Agile methodology.
- Report and track bugs in Jira, documenting issues for efficient resolution and reducing defect leakage to production.
- Conduct post-release & post-implementation testing, ensuring product stability and smooth deployment cycles.
- Collaborate with cross-functional teams (Developers, Product Managers, Finance, UI/UX) to maintain software quality across the SDLC/STLC.
- Review requirements & designed test scenarios for both manual and automated testing, ensuring 95% requirement coverage.
- Handle testing scope for 3 products: Hospita (SIMRS – with a dedicated module for Finance & Accounting), Digita (Pharmacy Delivery), and Klinika (SIMRS), ensuring end-to-end functionality, reliability, and compliance with business requirements.

PT Pintar Data Group (Prixa.ai) - Central Jakarta

Dec 2022 - Oct 2023

Quality Assurance Engineer

- Developed and maintained automation test scripts using Katalon Studio and Playwright, improving test coverage by 70%–80% and reducing manual effort.
- Executed Load & Stress Testing to measure system performance, detecting 50+ performance bottlenecks and ensuring stability under peak usage.
- Validated databases (PostgreSQL & MySQL) using Arango, ensuring data integrity, synchronization, and accuracy across backend and frontend systems.
- Designed and documented test plans and test cases with AIO Test, achieving 100% functional and non-functional requirement coverage.
- Analyzed new features, created test scenarios, and identified risks before release, preventing critical production issues.
- Reported and tracked bugs in JIRA, ensuring timely resolution, reducing defect leakage by 90%, and improving sprint efficiency.
- Conducted API testing using Postman, validating endpoints for functionality, integration, and regression, reducing API-related defects by 100%.
- Performed multiple levels of testing: Sanity, Smoke, Regression, and Exploratory Testing to validate overall product quality.
- Collaborated effectively with QA team members, Product Managers, Developers, Tech Leads, and Development Managers to align testing activities with project milestones.
- Executed release validations that improved work efficiency, reduced defect leakage, and ensured smoother deployments.
- Verified and validated bug fixes, documented release notes, and ensured every deployment phase was well-tested.
- Conducted manual testing for mobile applications and websites, ensuring compatibility across devices and browsers.
- Contributed to process optimization by identifying automation opportunities, improving test reporting, and enhancing QA workflows.

PT Tokopedia - South Jakarta

Dec 2021 - Dec 2022

Software Quality Assurance

- Conducted testing on Data Tracker and aligned results with Data Analytics team to ensure data accuracy and reliability.
- Verified and validated bug fixes, tracked release notes for each phase, and ensured smooth deployment cycles.
- Designed and developed comprehensive test plans and test scenarios, covering both functional and non-functional requirements.
- Performed feature analysis for new releases to identify potential risks and ensure proper coverage in test cases.
- Led bug analysis and defect tracking, including root cause identification and prioritization for resolution.
- Collaborated closely with cross-functional teams: QA engineers, Product Managers, UI/UX Designers, and Software Engineers to align testing efforts with project goals.
- Created detailed reports and managed tickets in Jira, ensuring clear documentation of issues, priorities, and progress tracking.
- Developed and reviewed test cases across multiple platforms including Android, iOS, and Web applications to maintain consistent quality across ecosystems.

- Responsible for executing various testing types including smoke testing, regression testing, manual testing, and sanity checks on critical features such as TokopediaNOW!.

Education Level

Universitas Raharja - Tangerang City

Sep 2016 - Sep 2020

Bachelor of Informatics Engineering (Computer Science), 3.19/4.00

Skills & Licenses

- **Automation & Testing Tools:** Katalon Studio, Playwright, Appium, Selenium, Robot Framework, TestNG, Gherkin, Cucumber, Jmeter
- **Test Management & Tracking:** Jira, AIO, Confluence, TestRail, Zoho, Asana
- **Performance & API Testing:** JMeter, Postman, Swagger, LoadRunner
- **Database & Tools:** PostgreSQL, MySQL, Navicat, DBeaver, ArangoDB, MongoDB
- **Programming & Scripting:** Python, JavaScript, TypeScript, SQL
- **Personal Skills:** Public speaking | Collaboration | Team Work | Fast Learning | Time Management | Critical Thinking | Problem Solving
- **Licenses & certifications** 📄: Training of ISTQB CERTIFIED TESTER FOUNDATION LEVEL (CTFL) SYLLABUS 4.0 VERSION