

Andrian Syahputra

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Dynamic **Quality Assurance Engineer** with over 2 years of experience ensuring software excellence across diverse industries, including logistics, healthcare, and education platforms. Adept in utilizing advanced testing tools such as **Cypress, Selenium, Playwright, and Appium**, delivering **95%+ bug-free releases**. Proven expertise in API testing, test automation frameworks, and enhancing user experience. Strong collaborator with a data-driven approach to solving complex problems, leading to **40% efficiency gains** in testing processes. Committed to continuous learning and leveraging cutting-edge methodologies to drive software quality and business success.

EXPERIENCE : QUALITY ASSURANCE

Freelancer Quality Assurance Engineer

05/2024 to 05/2025

NerdHeadz - Remote - Russia

- Spearheaded QA initiatives across high-impact products including Clearjet (Delivery Infrastructure), Uplinked (AI Social Media Assistant), Fixzanet/Fizza Net (Job Marketplace with AI recommendations), Cytrus.Ai (Commercial Platform), Busybee (Education App), and FutureSpark (AI-Powered Student Learning Platform).
- Led AI-focused QA efforts, including test case design for adaptive learning logic, data integrity validation for AI-generated student progress reports (FutureSpark), and relevance/accuracy checks for AI-based job matches (Fixzanet).
- Developed a custom API automation framework that reduced defect detection time by 50%.
- Built a UI performance testing framework using Playwright, combining UI and API speed metrics, complete with auto-reporting and live dashboards.
- Increased test coverage by 60% through scalable Cypress-based UI and API test scripts.
- Produced detailed, actionable bug reports, cutting developer debugging time by 90%.
- Led performance testing initiatives that uncovered critical UI load issues undetectable through API testing alone.
- Frequently received client and team appreciation for consistent quality results despite language barriers in an international team environment.

Quality Assurance Engineer

10/2023 - Now

PT. Trans Teknologi Indonesia - Bandung, Indonesia

Project : Logistic Service Integrator (LSI)

- Successfully launched a GPS-based logistics tracking system with a **98% bug-free release rate**, improving route tracking accuracy and reliability.
- Conducted rigorous testing on mobile and GPS hardware integrations, improving **tracking precision by 75%** across fleet and personnel.
- **Actively participated in feature planning and flow design**, helping define logic and technical feasibility **before development began**, allowing the team to detect issues at the conceptual stage.
- Provided **proactive suggestions for UX and UI improvements**, collaborating with designers and front-end developers to enhance usability and reduce user confusion.
- Frequently joined **client meetings**, supporting PMs and BAs in presenting flow logic, validating requirements, and aligning QA strategy with business expectations.
- Created QA environments and documentation standards that increased internal QA productivity by 80%.
- Recognized for strong problem-solving ability, often identifying potential technical or functional risks during early planning stages and offering alternatives.
- Provided mentorship to junior testers and contributed to internal QA process improvement.

Project : MyTask Project (Management Apps)

- Delivered a fully tested, **100% feature-compliant management system** used by internal teams for daily task and productivity tracking.
- Conducted detailed workflow validation, ensuring seamless integration between modules and third-party tools.

- Led usability testing efforts, which resulted in an **80% increase in app usability rating** from end users.
- Collaborated closely with developers to refine complex backend logic and contributed to efficient sprint planning and release validation.

Freelance Mobile Quality Assurance

06/2024 to 08/2024

Pradini - Remote - Indonesia

- Achieved **95% bug-free mobile application releases** for a healthcare app supporting premature baby care.
- Verified cross-platform functionality on **iOS and Android**, ensuring consistent performance.
- Conducted **regression testing**, ensuring no feature degradation across releases.
- Integrated medical insights into the app, increasing user trust and adoption by **45%**.

EDUCATION

S1: Computer Science

2019 - 2023

Universitas Islam Negeri Sumatera Utara

Medan, Sumatera Utara

- IYSA Silver Medal (International Young Scientist Association) 2021
- Outstanding Student "Wahdatul 'Ulum Uinsu Talent 2021"
- 3rd Best Speaker PKM 2 English Debate 2021
- Entrepreneur Academy Camp KSE (Tangerang - Bogor) 2022
- KSE Student Summit Leadership Camp (Semarang) 2022
- Member of the Haxor Programming Club
- Awarded Karya Salemba Empat Scholarship 2020 – 2023

SMA: Exchange Student

2017 - 2018

Keya Paha County Higschool

Nebraska, USA

- Future Farmer American (FFA) Club Member
- International Education Volunteer
- Awarded Bina Antar Budaya, Youth Exchange Student, USA
- 3rd Winner of FFA Competition Regional Nebraska

Bootcamp/Intern

Bootcamp: Quality Assurance

2023

DTS Kominfo: Binar Academy

Online

- Understand fundamental of Quality Assurance and step to create test case & test scenario
- Able to understand about testing principles, Agile & Deployment phase and create bug reporting
- Able to understand about fundamental of API testing and present deliverable as Manual Quality Assurance such as Test Case Form and Bug Reporting
- Bootcamp Overall Score 91.5 (Scale 0 - 100).

Internship : Quality Assurance

06/2023 to 08/2023

PT. Sagara Teknologi - Remote

- Held responsibilities as Manual QA for Techno Consulta Website Project and Jobfortech Website.
- Developed over 1000 scenarios showcasing creativity in test case creation.
- Identified over 50 bugs across various priority and severity levels, optimizing the application system by 90%.
- Produced organized and comprehensible test documentation.

Internship : Quality Assurance

05/2023 to 08/2023

PT. Didayah Olah Teknologi Indonesia (DOT) - Remote

- QA Project: ASTRA PAMA CAPEX
- Developed testing scenarios and test cases for Astra PAMA CAPEX website
- Explored testing workflow approval processes.
- Identified and reported approximately 30 bugs, contributing to their resolution.
- Utilized the Waterfall framework.

- Provided suggestions for web improvement
- Employed the QASE application for bug reporting and test scenario creation

Project-Based Virtual Intern : Quality Assurance Jubelio x Rakamin Academy

04/2023 to 05/2023

Jubelio – Rakamin Academy - Online

- Developed and executed test cases for various features in Jubelio, including user login, negative testing for login, and creating non-variant products in the catalog
- Conducted API testing using Postman on various endpoints, such as login, all product price, upload product image, and delete product, while also including negative testing scenarios
- Created automation scenarios using Selenium Web Driver for various features in Jubelio, including login flow and inventory stock management

Project-Based Virtual Intern : Quality Assurance Evermos x Rakamin Academy

04/2023 to 05/2023

Evermost – Rakamin Academy – Online

- Created integration test scenarios for 2 APIs and implemented them in k6, including assertions for each test in 1 test file.
- Developed performance test scenarios for 2 APIs with 1000 virtual users, 3500 iterations, and a maximum response time tolerance of 2 seconds, and added assertions for each test in 1 test file

ORGANIZATION

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| • Chairman of Karya Salemba Empat UINSU Scholarship Organization | 2022 – 2023 |
| • Chairman of Community Development KSE UINSU | 2021 - 2022 |
| • Treasurer Entrepreneurship Division KSE UINSU | 2021 - 2022 |
| • Public Relations HMJ Computer Science (Student Association Major) | 2020 – 2021 |
| • Haxor Programming Club Member | 2019 – 2022 |

CERTIFICATE

- Batch 1 Course Quality Assurance March 6, 2023 - April 14, 2023
- Full Stack Developer with Ruby (HTML, CSS, Ruby and Ruby on rails) Fresh Graduate Academy 07 Mar 2022 - 08 Apr 2022
- Cloud Practitioner Essentials (Belajar Dasar AWS Cloud) Dcoding, 24 Apr 2023
- Teknik Menemukan Ide Produk Digital Untuk Manager Pengembang Aplikasi TIK (Product Manager) Skill Academy, 23 Nov 2022

SKILL

Soft skill:

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| • Attention to Detail | • Problem Solving |
| • Analytical Skills | • Continuous Learning |
| • Communication | • Time Management |

Hard skill:

- Test case development and execution
- Automated testing tools (e.g., Selenium, Appium, Playwright, Postman, Cypress, BugBug.io)
- Performance testing tools
- Test management tools (Gitlab, Qase)
- Quality management methodologies and frameworks (Agile, Waterfall)
- Test-driven development (TDD) and behavior-driven development (BDD)
- API testing

Languages

- English: Conversational
- Bahasa Indonesia: Native