MUHAMMAD ALIF FAHREZA AL RAFI

QA ENGINEER | MANUAL TESTING | WEB, ANDROID & PAYMENT SYSTEMS

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PROFESSIONAL SUMMARY

Manual QA Engineer with 2+ years of experience testing web applications, Android applications, and electronic payment systems. Experienced in functional, regression, negative, and exploratory testing, test case design, defect reporting, API validation, and log analysis. Brings a software development background and hands-on expertise in EDC transactions, QRIS, EMV, 3DS, and ISO 8583 message analysis.

CORE SKILLS

QA & Testing: Manual testing (web and Android); functional, regression, negative, and exploratory testing; test case design; defect reporting

API & Diagnostics: Postman; ISO Util; Android Studio Logcat; API request/response and schema validation; ISO 8583 analysis

Payments & Devices: QRIS (static, dynamic, Tap); EMV; 3DS; NPG; on-us/off-us; debit/credit cards; PAX A920 / A920 Pro; Nexgo N86

Technical & Collaboration: MySQL; Git; Python; Java; Selenium; Trello; Agile/Scrum

PROFESSIONAL EXPERIENCE

Prima Vista Solusi | Software Quality Assurance Engineer Oct 2024 – Present

South Jakarta, Indonesia

- Perform manual testing on web and Android applications, in addition to functional, regression, negative, and exploratory testing of payment systems.
- Design and execute 1,000+ test cases covering functional, regression, and negative scenarios; document defects and collaborate with technical teams to investigate issues.
- Validate API request/response accuracy and schemas using Postman; analyze Android Studio Logcat and remote logs to support troubleshooting.
- Test QRIS (static, dynamic, Tap), EMV, 3DS, NPG, debit/credit, and on-us/off-us transaction flows on PAX A920, A920 Pro, and Nexgo N86 terminals.
- Analyze ISO 8583 messages with ISO Util to verify field mappings, bitmap structures, and host responses.
- Strengthened regression validation, contributing to a 22% reduction in critical production defects; developed an internal QA dashboard that improved workflow efficiency by 31%.

ADDITIONAL SOFTWARE DEVELOPMENT EXPERIENCE

Kasiyan Village Office | Web Developer Intern Jun 2023 – Aug 2023

- Contributed to a web platform supporting 50+ active users and resolved technical issues during implementation.

PT Solutia Strategic Digital Partner | Web Developer Intern Dec 2022 – Mar 2023

- Led a five-member development team on an e-commerce project, using Trello to coordinate work and contributing to feature development.

CoDes Media | Android Developer Feb 2021 – Oct 2022

- Developed Android applications and collaborated with product managers and designers to translate requirements into technical specifications.

EDUCATION

Universitas Negeri Malang | B.A. in Informatics Engineering Education (GPA: 3.92/4.00) Sep 2020 – May 2024

Scholarships: Bank Indonesia (2022–2023); Adaro Energy Indonesia (2023–2024)