Firman Fajar Kurniawan

QA Engineer

✉ firmanfajar19@gmail.com 📞 6285888236515 📍 Bekasi in https://www.linkedin.com/in/loncing/

🔗 https://firmanfajar19.github.io/portofolio/

PROFILE

A results-driven **Software Quality Assurance Professional** with over **8 years of experience** in the E-commerce industry , including **5 years specializing in Payment Systems**. Proven success in designing and implementing **Automation Frameworks** (BDD & Page Object Model) and driving test coverage improvements. Expert in modern testing tools, particularly **Playwright**, and proficient in API testing (Postman/Swagger). Adept at defect management and cross-functional collaboration to deliver high-quality software solutions.

PROFESSIONAL EXPERIENCE

Sr. QA Engineer   09/2023 – Present
Bluesky Tech   Jakarta
- **Framework Leadership:** Designed and implemented a scalable automation framework template for Web (Playwright) and Mobile (Appium), establishing a standardized and reusable structure for future team projects.
- Achieved a **30% increase in test coverage** through the implementation of this automated testing framework.
- Executed Performance Tests using **k6** and managed testing for the New Back Office and E-commerce projects.
- Responsible for Backend and Integration Testing , contributing to the successful release of the New Gramedia.com 🔗 Website, Apps, and Back Office.

QA Engineer   10/2021 – 09/2023
Catalyst   Jakarta
- Specialized in **Payment Testing** , successfully releasing a new Payment Gateway (Midtrans) , a New Payment System , and new payment methods (BCA Card Installment, Jenius Pay).
- Executed Load Testing using **JMeter/K6** and managed API testing using **Swagger/Postman**.
- Responsible for Backend Testing and utilized MongoDB for check logging.
- Contributed to major revamps, including the New Inventory System for VOILA.ID 🔗 and the revamp of the Jamtangan.com 🔗 Website and Apps.

Software Quality Assurance   08/2019 – 10/2021
Tiket.com   Jakarta
- Key contributor to the **Revamp of New Payment System 4.0** and the integration of new payment methods (OVO, ShopeePay, LinkAja).
- Managed Payment and Promotion Testing , including the revamp of a new Dashboard System for Promo and Gift Vouchers.
- Utilized **GraphQL** to check response data and managed API testing with **Swagger/Postman**.
- Responsible for deployment via **Jenkins** and utilized **Scalyr** for checking log systems.

Software Quality Assurance   11/2017 – 08/2019
Elevenia   Jakarta
- Created and maintained test cases and test result documentation.
- Executed manual and automated tests (Katalon, Selenium, Appium) for regression.

- Used JIRA to track and follow up on defects.
- Performed daily regression testing and monitored production issues post-release.

CORE TECHNICAL EXPERTISE

Automation Tools
Playwright, Cypress, Webdriverio, NightwatchJs, Selenium, Appium

API Testing
Postman, Swagger, GraphQL

Database/Logging
MySQL, PostgreSQL, MongoDB, Scalyr, Grafana, Kibana

Performance Tools
k6, jmeter

Methodology/Tools
BDD & Page Object Model, Xray, TestRail, JIRA, Jenkins, Github

Domain Expertise
E-commerce Platforms, Payment Systems, Back-Office/Dashboard Systems

EDUCATION

Bachelor's Degree in Information System   07/2013 – 09/2017
Universitas Gunadarma   Bekasi
GPA: 3.53 out of 4.0