



# FACHRI ALVIANSYAH

Software Quality Assurance

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| <https://github.com/fachrialviansyah?tab=repositories> | Koja, Jakarta Utara

4+ years of experience in software development and creating innovative solutions to system problems. I am familiar with programming languages, bug fixing, application testing, and documentation development. I am currently switch career to a QA Engineer, and this journey has helped me deepen the concepts of software testing, test automation with Selenium and Katalon, API testing with Rest Assured, and the application of best practices in software quality assurance.

## Skill

| Code   | Manual Testing  | Automation Testing  | Tools & Document  |
|--|---|---|---|
| <ul style="list-style-type: none"><li>• HTML5</li><li>• CSS</li><li>• JavaScript</li><li>• Python</li><li>• Java</li><li>• PHP</li><li>• SQL</li></ul> | <ul style="list-style-type: none"><li>• Test Scenario</li><li>• Test Cases</li><li>• Black &amp; White Box Testing</li><li>• Gherkin Scenario</li><li>• UAT</li><li>• Test Documentation</li><li>• Bug Reporting &amp; Tracking</li></ul> | <ul style="list-style-type: none"><li>• Selenium WebDriver</li><li>• Katalon Studio</li><li>• RestAssured (API Testing)</li><li>• Cucumber (BDD Framework)</li><li>• TestNG / JUnit</li><li>• Debugging / Error Fixing</li><li>• Framework Design &amp; Maintenance</li></ul> | <ul style="list-style-type: none"><li>• Jira Software</li><li>• Postman</li><li>• Allure Report</li><li>• IntelliJ IDEA</li><li>• CI/CD (GitHub Action, Jenkins)</li><li>• MS Office / Google Workspace</li><li>• Git Version Control</li></ul> |

## Work Experiences

### PT Webcenter Sentra Solusindo - Central Jakarta City

Mar 2022 – Jul 2025

#### Developer & Manual Testing (Contract)

- Focused on testing the work completed by junior developers as part of the core development team, ensuring code quality and alignment with project standards
- Analyzed web application projects and applied SDLC using Waterfall and Agile methods
- Designed and executed test cases, including API testing with Postman
- Conducted UAT with users to validate system functionality
- Reported and fixed bugs to improve application performance and reliability
- Trained users through presentations and provided system maintenance support

#### Project

- Report Application of Power System Operation & Data Integration (RAPSODI) – PLN UIP2B
- System Automatic Meter Reader (AMR) – PLN UIP2B
- Neraca Energi – PLN UIP2B
- Generating Availability Information System (GAIS) – PLN Batam
- Logsheet – PLN Batam
- Logsheet – PLN UP2B Jakarta Banten
- Switching Management System – PLN UP2B Jakarta Banten
- Analisa dan Evaluasi Operasi Sistem Jawa Bali (EVOP) – PLN UIP2B
- Disturbance Fault Recorder – PLN UIP2B

### PT Nuansa Citra Ramantha - South Tangerang City

Jun 2021 – Dec 2021

#### Programmer Support (Contract)

- Analyzed web application projects using Waterfall methodology and applied SDLC
- Designed and executed test cases, including API testing with Postman
- Conducted UAT with users to validate system requirements
- Reported project progress and discussed improvements with clients and IT leaders
- Supported system quality through issue tracking

#### Project

- Web E Commerce Bening Luxury

**UMKM 21 Clean Shoes – Sukabumi City**

**Aug 2019 – Sep 2019**

*Frontend Web Developer (Internship)*

- Analyzed web application projects using the Waterfall method
- Designed mockup interfaces based on client needs
- Conducted UAT with users to validate functionality
- Prepared project documentation and reports for supervisors

*Project*

- Website Company Profile 21 Clean Shoes

## Course & Certification

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**AfterOffice Academy – Online Bootcamp Batch II**

**Sep 2025 – Nov 2025**

*QA Automation Katalon Studio*

- Analyzed test requirements from a dummy web application and designed automated Web and API test cases using Java based Groovy language
- Created Object Repository, Test Suites, and Test Suite Collections for organized execution
- Implemented Data-Driven Testing (DDT) to validate multiple data sets efficiently
- Applied Behavior Driven Development (BDD) by writing test cases in Gherkin syntax
- Integrated Katalon Studio with Jenkins CI/CD and configured Slack notifications for test results
- Conducted UI Web and API testing and generated detailed execution reports to evaluate test outcomes

**JayJay – Online Course**

**Mar 2025 – Aug 2025**

*Quality Assurance Engineer*

- Analyzed a dummy web application and implemented SDLC using Agile methodology
- Implemented test cases with Java and JUnit to validate Web and API and integration to Allure Report
- Designed and executed test cases, including API testing with Postman
- Developed automated test scripts using Selenium
- Applied test cases with Gherkin syntax and generated reports using Cucumber framework
- Conducted manual testing including Unit Testing, Integration Testing, System Testing, Performance Testing, Interface Testing, Security Testing, Sanity Testing, Smoke Testing, and User Acceptance Testing

## Education

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**Indonesian Institute of Technology – South Tangerang City**

**Sep 2015 – Feb 2021**

*Bachelor's Degree, Informatics Engineering*

Thesis: Design and Development of a Mobile-Based Qurban Application

**Cikini School Foundation – North Jakarta City**

**Mar 2013 – May 2015**

*Vocational School, Computer Network Engineering*