

# SAFRUDDIN SETIA BUDI

Senior Quality Assurance Engineer

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## PROFESSIONAL SUMMARY

Senior Quality Assurance Engineer with 5+ years of experience in enterprise-level web and mobile application testing. Specialized in manual and automation testing using Playwright (TypeScript), API validation, performance testing, and database verification using MySQL. Proven track record in improving release stability, reducing production defects by up to 30%, and accelerating regression cycles by approximately 40% through automation initiatives. Strong leadership experience mentoring QA teams and acting as quality gatekeeper in corporate release environments.

## CORE COMPETENCIES

- Test Planning & Strategy | Manual Testing (Functional, Regression, Smoke, UAT)
- Web & Mobile Application Testing | Automation Testing (Playwright, TypeScript)
- API Testing (Postman) | Performance Testing (JMeter)
- Database Testing (MySQL Query & Data Validation via MySQL Workbench)
- Defect Management (JIRA) | Release Validation & Quality Gatekeeping
- Version Control (Git) | Cross-Functional Collaboration | Risk Assessment & Requirement Analysis

## TECHNICAL TOOLS

Playwright (TypeScript) • Postman • JMeter • MySQL • MySQL Workbench • JIRA • Git

## PROFESSIONAL EXPERIENCE

### Senior Quality Assurance Engineer

January 2025 - Present

*PT Esensi Solusi Buana (ESB)*

- Led end-to-end test planning including scope definition, risk assessment, timeline estimation, and release validation
- Reduced production defects by approximately 30% through improved regression coverage and structured test case review
- Developed and maintained an end-to-end automation framework using Playwright (TypeScript) with a Page Object Model architecture and Git version control, reducing regression testing time by ~40%
- Conducted API and performance testing using Postman and JMeter to ensure system scalability and reliability
- Performed backend data validation using MySQL queries through MySQL Workbench to verify transaction integrity and data consistency
- Mentored 2 junior QA engineers in test design, defect reporting standards, and automation best practices
- Acted as quality gatekeeper during corporate release cycles, ensuring stable deployment to production

### Quality Assurance Engineer

January 2022 - January 2025

*PT Esensi Solusi Buana (ESB)*

- Designed and executed 150+ test cases per release cycle based on Product Requirement Documents (PRD)
- Performed manual testing for web and mobile applications including functional, regression, and smoke testing
- Validated backend database records using MySQL queries via MySQL Workbench to ensure consistency between UI and database data
- Identified and tracked defects using JIRA, ensuring clear reproduction steps and impact analysis
- Conducted API testing using Postman and supported User Acceptance Testing (UAT) activities
- Collaborated with developers and product owners to validate bug fixes and improve feature quality

### Software Tester

November 2021 - December 2021

*Lembaga Kebijakan Pengadaan Barang/Jasa Pemerintah*

- Executed end-to-end system simulation testing on the SPSE v4.5 application, from package creation to completion
- Validated system functionality using structured UAT checklists aligned with business requirements
- Reported defects with detailed reproduction steps and supporting evidence
- Provided feature enhancement recommendations based on testing findings

## **IT Support Technician**

December 2016 - February 2017

*Badan Riset dan Inovasi Nasional RI (BRIN RI)*

- Supported users with Microsoft Office applications and local network setup
- Performed OS installation, configuration, and data backup/restore procedures
- Provided IT support for hardware, software, and network issues in office environments

## **CERTIFICATIONS**

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*Digital Talent Academy — Digital Talent Scholarship (Kominfo), 2026*

- Implementasi Pengujian Perangkat Lunak dan API dengan Pendekatan Manual dan Otomatis
- Otomatisasi API & Pengujian Otomatis dengan Selenium dan Appium
- Dasar-dasar Quality Assurance dan Pengujian dalam Software Testing Life Cycle (STLC)

## **EDUCATION**

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### **Bachelor of Computer Technology**

Universitas Islam Syekh Yusuf Tangerang | January 2017 - January 2021 | Tangerang, Indonesia