# Indra Bayu Sudirman

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## Summary

Dedicated and skilled Software Development Engineer in Test (SDET) with over 2 years of extensive experience in automation testing, CI/CD integration, and test framework development. Proficient in Java, Selenium, Appium, and various CI/CD tools. Committed to ensuring the highest quality of software products through rigorous testing and continuous improvement.

## Professional Experiences

**Hijra -** QA Automation Freelance                                                    Sept 2024 – Present

Hijra Bank was introduced in 2021 and is owned by Alami Group, a financial technology peer-to-peer (P2P) lending company. Hijra is one of the leading Islamic challenger banks in Southeast Asia, having disbursed more than $350m to more than 5,000 small businesses in Indonesia. Hijra's key products include sharia-compliant saving and deposit, transactional features, and digital lending, which includes SME and consumer lending.

**Responsibilities** :
- Create & maintain test cases to improve system stability & robustness;
- Collaborate with related product and engineering team in improving tests coverage;
- Collaborate with relevant stakeholders in maintaining a healthy release process;
- Execute end-to-end test before deployment, and smoke test after deployment;
- Response to inquiries from other teams related to issues found in the production environment and help to identify & troubleshoot the issues;
- Stay updated with software testing knowledge and latest advancement in automated testing tools.

**Tech stack :**
Typescript, Playwright, Cypress, Cucumber, Webdriver IO, Appium, Allure Report.

**Koinworks -** SDET (Software Development Engineer in Test)                   May 2022 – August 2024

KoinWorks was established in 2016 as a Peer-to-Peer Lending company. It is an Indonesian Series C-funded ($108mio raised) fintech company that provides both investment and liability products under a single platform. Today, it's growing to be the first Super Financial App with over 2.5 million active users.
- 2 Million+ Users already onboard towards achieving their business & financial dreams.
- 2,3 Trillion+ Total AUM (Asset Under Management) Koinworks Manages Currently.
- 29 Trillion+ Total Loans Granted Since Started at 2016

**Responsibilities** :
- Writing, execution and monitoring automated test suites using Java, Selenium, Appium, TestNG for IOS, Android, Web and APIs.
- Collaborated with QA Manual/QA Testers to define test cases, specifications, and acceptance criteria to ensure software quality.
- Conducted cross-browser and cross-device testing using BrowserStack and LambdaTest to ensure compatibility and performance.
- New tools selection/Research new tools before use by manual QA Team, e.g integration between Testrail and Lambdatest QA Touch.
- Debug failed test cases by analyzing reports, logs and API responses and report bugs with details. Follow-up on bugs to closure.
- Running Regression using CI/CD Pipeline Regularly.

**Tech stack :**
Java, Selenium, Appium, RestAssured, TestNG, Gitlab CI/CD, Github Actions

## Education

**University Indraprasta PGRI, Jakarta**                                     July 2016 - August 2020
https://unindra.ac.id

## Skills

Languages :       Java, Javascript, Go, Python, Typescript [1]
Technologies :    MySQL, Postgresql, Postman, Selenium, Appium, Maven, TestNG, RestAssured, Nightwatch JS, Grafana k6, Browserstack, JMeter, Lambdatest, Testrail, CI/CD GitLab, GitHub, GitHub Actions, Playwright, Cucumber, Webdriver IO.

## Certifications

**Getting Started with Python**                                              Sept 2024
certificate.

**Page Object Model pattern for Selenium WebDriver & Java**                  June 2023
certificate.

**Scalable web service with Golang**                                         May 2022
certificate.

## Projects

**Automation Framework Koinworks**
**Private Project :** Automation framework for regression testing across Mobile (Android, iOS), Web, and APIs for all Koinworks' apps.
Tech Stack : Java, Maven, Selenium, Appium, RestAssured, TestNG, Browserstack, Lambdatest, Testrail, CI/CD GitLab, GitHub Actions.

**Automation Framework Hijra Bank**
**Private Project:** Automation framework for end-to-end testing, covering APIs, Web, and databases.
Tech Stack : Typescript, Playwright, Cypress, Cucumber, Webdriver IO, Appium, Allure Report.

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[1] The listed languages are my preferred ones, but I am neutral, very interested, and willing to learn other languages.