

Vu Le Minh

Automation Test Engineer

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QUOTE

Work smarter...not harder

WEBSITE

Github: <https://github.com/minhvl1>
Portfolio: <https://dawsonvu.com>
Blog: <https://blog.dawsonvu.com>

ABOUT ME

- I am a passionate Senior Automation Test Engineer with extensive experience in **designing, building, and maintaining robust automation frameworks for Web, Mobile, and API testing**. I specialize in tools such as **Selenium, Appium, Cypress, wdio, Playwright, Serenity BDD, and RestAssured**,... and I have strong expertise in integrating reporting, test management, and CI/CD into a seamless automation ecosystem.
- I have hands-on experience creating and maintaining **mobile automation test scripts for both Android and iOS** using Appium, including framework design, device/emulator configuration, and execution in CI pipelines. I have also **set up and optimized CI/CD pipelines with GitLab CI, Jenkins, and GitHub Actions**, automating build, test, and deployment processes, and integrating them with Docker and Kubernetes for scalable delivery.
- Beyond tools, I excel at analyzing business and technical requirements, writing clear and maintainable test cases, and performing end-to-end testing (functional, integration, system, regression, and acceptance). With solid skills in SQL databases, API testing, and performance testing (**K6**), I bring a holistic quality mindset. As a QA Automation Team Lead, I have coached and managed teams of up to 10 members, driving quality, improving processes, and building scalable testing solutions that accelerate development cycles and enhance product reliability.

WORK EXPERIENCE

FPT Smart Cloud

09/2024 - Present

AUTOMATION TEST ENGINEER

- Build automation framework: selenium, playwrigth, webdriver IO
- Set up CI/CD pipeline
- Reporting system
- Sumarize, report my and member's task to manager
- Setup Gitlab selfhost management
- Setup Gitlab CI pipeline for web and mobile

SmartOSC

10/2023 - 09/2024

AUTOMATION TEST ENGINEER

Hiring and build up automation team
Creating sharing knowledge and automation course
Discussing directly with customer
Build and maintain, performance speed improvements automation framework

- Serenity, Selenium, playwright, robotframework, Jenkins, Git, Docker, K8s

CMC Global

01/2022 - 10/2023

AUTOMATION TEST ENGINEER

- Participate in outsourcing projects in Singapore- Lead a teams include 15 members (

training, report daily work, division of work, create and tracking task)- Build and implement automation framework for each projects- Auto testing mobile devices by appium + selenium
- Write testscript using selenium with POM patern- Setup CI CD: jenkins, github actions + github page, gitlab ci + Jest test- Auto API testing: rest assured/cypress/playwright/webdriverIO
- Investigating and automating script - Data project: spark sql, build scala framework, data analytics, setup chart, dashboard from data into apache superset.- Setup parallel by selenium grid: container/k8s
- Integrate Report into framework: allure, extend, cucumber

Magenest

06/2020 - 01/2022

MANUAL AND AUTOMATION TESTER

- Make Test plan, write test cases, logbug, manage work on Jira
- Test API, Frontend, Backend, MySQL- Using automation tools: Katalon studio, Katalon record, Selenium IDS
- Automation testing with selenium java, selenium python, robot framework
- BDD cucumber, TestNG - Framework senerity

FPT SOFTWARE

1/2020 - 6/2020

TESTER

- Read SRS business documents, be able to write testcases in English, perform test & log bugs - Having knowledge of software testing such as testing phases (Unit test, Integration test, Functional test, System test, Acceptance test, ...) and testing techniques. - Basic knowledge of SQL- Use the redmine bug management tool - Know test API and performance testing (Performance Testing) with basic JMeter tool
- The automotive system on Honda and toyota cars. Management of test devices
- Test based on the written testcase
- Write test plan, testcase
- Write guideline, training new testers in the project.
- Test devices management

PROJECT

Automation test course

2023 - Present

Mentor, super visor

Selenium, playwright, java, ts:

- As a mentor training about automation test
- course for all people, who want to learn, developer or manual tester move on, even newbie
- from scratch to junior level

Singapore Tax

2024 - 2025

Automation Test

- Participate in a government tax project
- Azure devops
- Tosca, Postman, applitool, NeoLoad

Cloud Infra

2024 - Present

AUTOMATION ENGINEER**Playwright, k6, gitlab:**

Product provide cloud service, can load balancing and auto scale with many features

- Build framework by playwright typescrip
- Integrate gitlab CI
- log result in xray
- performance with k6
- planing
- assign task
- resolve conflict & problem whole team

SuperApp

2022 - 2023

AUTOMATION ENGINEER

Malaysia, Singapore

Selenium, RestAssured, TestNG, Appium, Jenkins, Jira, Bitbucket:

- Investigate testing tech, automed transcripts, build and implement framework
- Build and run performance test with grafana k6
- Integrate k6 with grafana dashboard and prometheus database
- Build appium + selenium + restassured

Proudly Malaysia's homegrown lifestyle e-wallet app that is both secure and rewarding

Tax Free

2023 - 2023

AUTOMATION ENGINEER

Malaysia, Australia

Serenity, SerenityRest, Jenkins, Jira, Bitbucket:

- Build and implement Automation Framework for API using serenity,
- Integrated with utilities
- Setup Jenkins pipeline
- Automed transcripts

Official site offers full aspects and information of to shop Tax Free across Europe, The Americas and Asia.

Odoo - ecommerce

2022 - 2023

AUTOMATION TEST

Singapore

Cypress, nodejs, javascript, gitlab, gitlabCI, Aws s3, allure report:

- Build and implement Cypress framework
- Integrated with utilities
- Setup Gitlab CI, Xray report
- Automed transcripts
- Cross border trading
- Manage products, vendors, packages, shipping

Booking - kiot spa

2021 - 2022

AUTO-MANUAL TEST

Vietnam

Serenity, Junit, Java, Github + github action, restassured:

- Create and executor testcases
- Automated scripts

- Build and implement framework: Selenium, TestNG
- Report test result
- Web and mobile app a both of ios and android
- Booking, order ticket in app and web
- Sync data realtime app and web

**ACFC, Hoangphuc, bomister,
Hino**

2021 - 2021

MANUAL TESTER

VietNam

Magento, Odoo:

Create testcases, executor test, cross review testcases, log bug and retest, report

- Ecommerce website luxury fashion
- Manage products, stores, delivery

Automotive

2020 - 2020

MANUAL TEST

Japanese, Korean

20 tester

Jira, Xray:

Create, executor testcases. Cross review. Log bug and retest. Manage device

- Test Head Unit in car
- Bluetooth, AM/FM, apple car play, android auto
- Sensor, camera

EDUCATION

08/2015 - 10/2020

MAJOR: INFORMATION SECURITY

Academy of cryptography techniques

graduated as engineer degree

OTHER SKILLS

Automation Testing

- Build automation framework from scratch
- Auto API and E2E testing
- Performance testing: Jmeter, Grafana K6
- Set-up data testing and reports
- Set-up CI/CD tools

Present

- Create slide and present

TeamWork And Leader Ship

- Working together to resolve problem and improve skills
- Manage and trainning skill for team members
- Create task and tracking
- Resolve conflicts within the team
- The ability to evangelize

Office Information Technology:

Proficient in Microsoft office tools

CERTIFICATE

Java (Basic) Certificate

<https://www.hackerrank.com/certificates/a4073a270516>

JavaScript (Basic) Certificate

<https://www.hackerrank.com/certificates/ade490d809f0>

SQL (Basic) Certificate

<https://www.hackerrank.com/certificates/6cc0ce4d2b54>

Tricentis Tosca Deep Dive – Automating beyond web applications (AE1)

https://academy.tricentis.com/share/v1/gamification/assigned_badge/b9a6267d-2c3b-4b27-b236-1a37ff485b25/shared?lang=en&t=1735785731138

Tricentis Tosca Deep Dive – Structuring your test cases and test data (TDS1)

https://academy.tricentis.com/share/v1/gamification/assigned_badge/ffcf9699-2de7-4747-b92c-0c156fe9d1b3/shared?lang=en&t=1735785848747

Tricentis Tosca Fundamentals – Optimizing test automation with centralized test data (AS2)

https://academy.tricentis.com/share/v1/gamification/assigned_badge/5d9d9c6f-f7fe-44f1-8697-edb06bfabf18/shared?lang=en&t=1735785801623

Tricentis Tosca Fundamentals – Automating web application testing (AS1)

https://academy.tricentis.com/share/v1/gamification/assigned_badge/8d9992ed-dbff-4336-ad9e-fc4e4576e5c2/shared?lang=en&t=1735785867602

Design tools:

Designing website, app interfaces using figma software

Windows/Linux:

Install software, services, policies, fix common errors

Network:

split the lan/vlans, install and setup services on router, switch, firewall.