

## Contact

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(LinkedIn)

## Top Skills

Appium

Python (Programming Language)

Linux

# Thạch Nguyễn

Senior Quality Control Engineer  
Winnipeg, Manitoba, Canada

## Summary

I'm a versatile Software Development Engineer in Test (SDET) with hands-on experience in both manual and automation testing across mobile and web platforms. I recently led the design and implementation of a mobile automation framework using Python, Pytest, and Appium, integrated with BrowserStack SDK, Jira, and Jenkins CI.

With a background in Java, TestNG, and working knowledge of Selenium, I've contributed to test coverage and stability across a range of projects. I'm also a long-time Linux user (15+ years), bringing confidence in scripting, debugging, and working in developer-centric environments.

I work well in Scrum/Agile teams and actively support shift-left testing practices, embedding quality early in the development lifecycle. Whether it's exploratory testing, test case design, or building scalable automated frameworks, I bring a quality-first mindset and a collaborative, solution-driven approach.

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## Experience

### Humanforce

Senior Quality Control Engineer

April 2023 - July 2025 (2 years 4 months)

Solely responsible for designing, building, and maintaining a robust mobile automation framework from scratch using Appium and Pytest, enabling scalable, cross-platform (iOS and Android) testing while adopting shift-left testing practices.

### Tools and Tech:

- Automation: Appium, Pytest, BrowserStack SDK, Jenkins
- Language: Python, Bash, MSSQL
- Management: Jira, Confluence, BrowserStack Test Management

- Working process: Scrum, shift-left QA
- Others: Stream.io, Miro, Figma.

## Incognito Chain

### Senior Quality Control Engineer

December 2019 - December 2022 (3 years 1 month)

Vietnam

Played a key role in building an automation framework to validate both security and business logic for a privacy-focused blockchain platform. Actively engaged with the community by providing support, answering questions, and contributing to user adoption and technical discussions.

- Automation: Appium, Pytest, Cypress, Jenkins
- Language: Python, Javascript, Bash
- Management: Jira, Confluence
- Working process: Scrum
- Others: Figma.

## Premielink

### Senior Quality Control Engineer

October 2018 - December 2019 (1 year 3 months)

Vietnam

Maintained overall quality for a mobile surveillance system app, including designing and executing automation tests to ensure reliability and performance across releases.

- Automation: Appium, TestNG, Maven, Jenkins
- Language: Java, Bash
- Management: Jira, Confluence
- Working process: Scrum

## Terralogic Inc.

### Quality Control Engineer

May 2012 - March 2018 (5 years 11 months)

Worked at an outsourcing company across multiple projects involving desktop application testing and network testing, utilizing both manual and automation approaches. Demonstrated strong performance and leadership, leading to a promotion to Team Leader.

- Automation: RCP testing tool, Jenkins

- Management: Jira, Confluence
- Working process: Scrum
- Others: Spirent, IXIA (Network testing tools)

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## Education

VNUHCM - University of Science  
Information Technology · (2007 - 2012)