# Volodymyr Yahello
## SDET/Automation QA Engineer

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## Summary

I'm a passionate python automation engineer with 5 years of commercial experience. My main qualification is based on qa, python, linux, docker and networking. I have a solid experience in building projects from the scratch using python related tools. All projects are complied with best coding practices, ci/cd support, unit tests coverage and static code analysis.

My personal motivation is to find a company that will help me to reflect my professional skills as a strong automation engineer.

Contribute to open source (pet) projects in spare time and plan to launch a fully-fledged blog in the near future.

## Skills

### Programming Languages/Technologies
- python
- bash
- groovy (basics)

### Development frameworks
- flask-like
- aiohttp
- pyramid, django (basics)

### Operating Systems
- linux
- raspberry pi os
- microsoft windows
- cisco ios/nx-os

### Embedded
- raspberry pi 3/4

### RDBMS
- sqlite, redis, sqlalchemy (basics)

### Methodologies
- scrum
- kanban

### Test Management/Tracking Tools
- tims, qtest, testrail
- rally, jira

### CI Servers
- jenkins
- travis
- kats (amazon)

### Testing frameworks
- pyats
- pytest
- unittest
- doctest
- selenium/zalenium
- robot framework

### Version control system
- git
- gerrit
- svn

### DevOps/Monitoring
- docker
- elasicsearch & kibana
- ansible (basics)

### Other
- html, css, js (basics)
- oop, ood, procedural
- networking stack (l2/l3 layers)

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|---|---|
| **Experience** | |
| **Project Description:** | **Embedded test automation**. Firmware test automation of smart Ring doorbells and video-cameras based on ML and AI technologies. |
| **Company:** | Squad (Ring Ukraine) |
| **Involvement Duration:** | 1 year 6 months (February 2020 – present) |
| **Project Role:** | Python SDET |
| **Responsibilities:** | • automate firmware and feature (functional) tests<br>• automate test reporting tools<br>• build CI pipelines<br>• support daily/weekly/release test automation runs |
| **Tools & Technologies:** | python, pytest, asyncio, aiohttp, flask, threading, mocks, bash, groovy, linux, raspberry pi, ansible, git, gerrit, jenkins, docker, static analysis (flake8, black, mypy) |
| **Project Description:** | **Cisco Security Monitoring and Defense.** Monitor, detect and analyze network threats. |
| **Company:** | SoftServe |
| **Involvement Duration:** | 3 years 8 month (July 2016 – February 2020) |
| **Project Role:** | Automation QA Engineer |
| **Responsibilities:** | • automate functional, system and performance tests<br>• develop monitoring system with elasticsearch & kibana stack<br>• build CRUD rest micro-services with flask-like api<br>• release automation with docker and ci/cd |
| **Tools & Technologies:** | python, bash, flask, pyats, pytest, unittest, doctest, linux, cisco, docker, jenkins, elk, git, selenium/zalenium, scrum, static analysis (pylint, mypy, pydocstyle, flake8, black) |
| **Certificates** | ▪ Brainbench Python 2.4, 3.3, 3.4 (Master)<br>▪ Brainbench Linux Administration (General)<br><br>Please follow 14193415 certificate transcript |
| **Education** | Master's degree;<br>Ivan Franko National University of Lviv Graduate (2010-2016) |
| **Languages** | English – Intermediate strong (B1+)<br>Polish – Pre-Intermediate (A2) |