

# Vincent Falcone

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## OVERVIEW

- Over 15 years in Quality Assurance and Test Automation.
- Test/automation lead for 5+ years of career.
- Manager for 2 years of career.
- Management and ScrumMaster trained.
- Experience with multiple languages and test frameworks.
- Developed automation frameworks from scratch.
- Created and instituted QA practices for organizations.
- Looking for an opportunity to become a manager, lead, or high level individual contributor where I can exercise my leadership and technical skills to their fullest.

## EXPERIENCE

### Ring/Amazon, Remote — *Software Development Engineer in Test*

March 2021 - December 2021

Acted as an SDET for Ring's alarm hub.

- Developed an automation framework to be used in testing Ring's alarm hubs.
- Framework was written in Python and leveraged Pytest as a runner.
- Test automation would SSH into hubs and perform commands to validate functionality.
- All results were pushed to ReportPortal for analysis.
- Tests are executed on Jenkins.
- Framework was written with tools to make it easy to use and easy to develop against.
  - Leveraged Flake8, Pylint, Black, Pre-commit, Poetry and Make.
- Led the effort with another team to create a unified library to be used for interacting with Ring alarm hubs.

### Pie Insurance, Remote — *Sr Software Development Engineer in Test*

March 2021 - December 2021

Acted as an SDET on squads, contributor to the SDET team, and provided mentorship to fellow SDETs.

- Led automation efforts for new features being implemented by my "squad".
- Worked with a python automation framework leveraging Pytest, AWS, MongoDB, and PostgreSQL
- Contributed to the existing automation framework by introducing new functionality (implementing models) and new tests.
- Helped reduce the barrier of entry for contributing to the framework.
- Cut the execution time of our test suites in half by identifying and refactoring areas of high execution time.
- Created and performed automated testing to satisfy the needs of the squads.
- Participated in discussions around testing strategy and the future of the automation frameworks.
- Helped onboard new SDETs and provided technical assistance to fellow SDETs when needed.

### ShiftLeft, Remote — *Lead QA Engineer*

July 2020 - February 2021

Led the testing efforts of new releases, growing our automation testing framework, and providing input on product features.

- Grew the automation framework (Python, Selenium) and made it more robust and durable. The framework has contributed to the discovery of multiple defects that were introduced to applications.
- Performed planning and execution of testing for new features.
- Provided feedback to product managers and developers around the idealization and implementation of new features and defect fixes.

## **AWeber, Chalfont, PA — *Integrations Team Manager***

October 2018 - July 2020

Managed a team of 5 on-site software and operations engineers in developing our public facing API and 3rd party integrations.

- Provide thought leadership and planning guidance for projects. Including:
  - Implementing OAuth2 authentication for our public API.
  - Implementing webhooks for external developers to ingest.
- Performed weekly 1-on-1 meetings, quarterly reviews, and development plans for each member of the team.
- Worked with product managers to prioritize the work of the team.
- Helped remove impediments to the team by communicating with other teams.
- On-boarded off-shore resources to the team as needed.
- Performed development work for our Python REST services and front-end applications.
  - Developed new services and endpoints for external developers to leverage in building their integrations.
  - Updated our front-end developer website to provide a better user experience for our external developers
- Continued to build and maintain our QA automation suites/jobs in Python/Behave.
- Was the ScrumMaster for the team; leading team planning, grooming, retrospective, and SUM ceremonies.
- Was on the Incident Commander team and oversaw the triaging, fixing, and retrospective of software outages.
- Exposure to Docker, GitHub, GitLab, Kubernetes, RunDeck.

## **AWeber, Chalfont, PA — *Automation Engineer/Scrum Master***

March 2016 - October 2018

Worked as an automation engineer and Scrum Master for 2 teams (Content Creation and Integrations).

- Developed three automation frameworks with python:
  - Robot Framework using Jenkins as the test runner.
  - Behave with a custom selenium library that runs with GitLab
  - Behave for our API acceptance tests using GitLab as the runner.
- Reduced the friction of developers utilizing automated acceptance tests and integrated it as part of a developer's process.
- Helped institute processes for QA engineers to follow across the engineering department.
- Performed automation development and manual/exploratory testing.
- Performed testing across multiple browsers either locally or through a 3rd party such as BrowserStack and SauceLabs.
- Acted as the unofficial lead of the QA team by conducting bi-weekly team meetings and organizing a QA roadmap.
- Mentored developers and QA engineers in automation and testing principles.
- Defined the agile process being used by the teams.
- Led team planning, grooming, retrospective, and SUM ceremonies.

## **eBay Enterprise, King of Prussia, PA — QA Lead**

January 2015 - March 2016

Worked as a QA Lead, leading testers in various projects (client enhancements, regular upgrades, automation efforts) and an automation effort utilizing IBM Rational Integration Tester.

- Provided time estimates around each project for each member of the team as well as coordinated the test effort and created the test artifacts.
- Accepted new scripts and functionality from the Automation Development team and made data/functionality changes to allow automation to be run for each of our clients.
- Led two-week regression cycles around our core software products.

*\*Additional experiences can be found on my LinkedIn profile.*

## EDUCATION

### **Villanova University, Villanova, PA — *B.S in Computer Engineering***

August 2002 - May 2006

## SKILLS & TOOLS

### **Languages**

Python, JavaScript, SQL, Java, Ruby

### **Automation Tools**

Behave, Jenkins, Pytest, Robot Framework, Selenium

### **Databases**

Microsoft SQL Server, MongoDB, Oracle, PostgreSQL

### **Skills**

Management, ScrumMaster, BDD, TDD, Gherkin, Jira

## AWARDS

### **AWeber Awesome Award (Employee of the Month) — April 2017**

Selected by leadership at AWeber as the employee that upheld the core values of the company for the month of April 2017. Award was given due to my contributions to the engineering team in promoting QA practices and providing valuable assistance to my team.

### **AWeber Annual Awesome Award (Employee of the Year) — 2017**

Selected by leadership at AWeber as the employee that upheld the core values of the company for the year of 2017. Award was given due to my contributions to the engineering team in promoting QA practices and providing valuable assistance t