



Python QA Automation Engineer

Job description

CloudSimple is the international product company leveraged by top-notch leading investors (RedPoint, Mayfield, and Microsoft Ventures) with the HQ in San Francisco Bay Area. We are building a large scale distributed platform that manages private software-defined data centers fully integrated with world-leading public clouds.

As a member of a newly formed team, the candidate will face with the challenges arising from building and evolving large SaaS/PaaS system including but not limited to:

- Testing of the correctness of setup of the heterogeneous distributed system and its components
- Creation of QA automation suites ensuring that system upgrades end up in the required state
- Breaking down and structuring of tests allowing quickly and efficiently validate a subset of platform's components

Responsibilities

- Develop/write test cases related to specific feature requirements
- Develop and maintain automated test harnesses and libraries
- Create automated test scripts from smoke, regression, and functional test plans all the way up to system, stress, performance, etc. test suites
- Integrate test scripts with CI/CD tools such as Jenkins (in particular pipeline definition)
- Communicate test results and highlight any potential quality risks
- Coordinate with software developers the automation activities to improve unit and integration tests

Skills and experience

- 5+ years experience in QA field
- Strong experience in developing code in Python and familiarity with Python test frameworks
- Experience in developing test cases based on feature requirements and automating the same
- Working knowledge of writing test automation for setting up and deployment of some of the following: ELK Stack, Cassandra, Consul, Kafka, etc.
- Past experience working with Azure or Google public cloud
- Familiarity with best test practices applicable in cloud environments, such as Chaos Monkey
- Proven experience defining and building test suites that are tightly integrated with a continuous deployment (CD) pipeline
- Experience in agile environments, ideally Scrum, using continuous integration (CI)

- Familiarity with version control tools (e.g. git/GitHub/GitLab), CI tools (e.g. Jenkins), issue management and bug life cycle (e.g. Jira) and automation dashboards
- Strong English communication skills to work with the CloudSimple global team
- Knowledge of Ansible, Ansible Tower and Terraform is a plus

What we offer:

- International environment with great people to work with
- A unique project with modern technologies
- Opportunities to make a difference and grow professionally
- Competitive compensation
- Long term employment with paid vacation
- Sports and healthcare package (medical insurance, paid gym membership)