

The Linux Foundation is looking for a python developer with strong sysadmin and/or infrastructure knowledge and/or skills. We are looking for technical excellence, an unpretentious approach that lets your skill speak for itself and the ability to get-things-done quickly and effectively. This position will be working with a geographically dispersed team.

You will need to be very comfortable with cross project coordination, learning emerging technologies quickly and high velocity environment. You will be working to build a next generation application platform utilizing new infrastructure technologies while maintaining or enhancing the user experience that has made the existing system successful.

Primary Responsibilities

- Work with the existing team plus the new requirements to define and document the changes needed for the next generation application.
- Work with the team to design and document the application workflow.
- Code, test and integrate software modules within the workflow.
- Identify User Experience improvements and/or potential delivery issues.

Qualifications & skills

- Bachelor's degree in Computer Science related field or equivalent work experience.
- Strong Python skills, experience using GIT and trello within a group environment.
- **OpenStack**
OpenStack Python SDK (<https://github.com/stackforge/python-openstacksdk>)
Python SDK for OpenStack/Rackspace APIs (<https://github.com/rackspace/pyrax>)
- **AWS**
Boto (<https://github.com/boto/boto>)
- **Messaging**
Rackspace Cloud Queues (<http://www.rackspace.com/cloud/queues>)
AWS Simple Queue Service (<https://aws.amazon.com/sqs/>)
OpenStack Zaqr (<https://github.com/openstack/zaqr>)
- **Orchestration**
SaltStack (<https://github.com/saltstack/salt>)
AWS CloudFormation (<https://aws.amazon.com/cloudformation/>)
OpenStack Heat (<https://wiki.openstack.org/wiki/Heat>)
Rackspace Cloud Orchestration (<http://www.rackspace.com.au/cloud/orchestration>)
- **DNS**
OpenStack Designate (<https://github.com/openstack/designate>)
AWS Route53 (<https://aws.amazon.com/route53/>)
- **Object Storage**
AWS S3 (<https://aws.amazon.com/s3/>)
OpenStack Swift (<https://github.com/openstack/swift>)
- **REST, Object Relational Mapping & Databases**
Flask-RESTful - (<https://github.com/flask-restful/flask-restful>)
SQLAlchemy - (<http://www.sqlalchemy.org>)
Alembic (<https://alembic.readthedocs.org/en/latest/>)
marshmallow - (<https://github.com/marshmallow-code/marshmallow>)

- Excellent English communication skills, written and spoken.

Common Tools

- Git (<https://git-scm.com/>)
- JSON (<http://json.org/>)
- requests (<https://github.com/kennethreitz/requests>)
- Sphinx (<http://sphinx-doc.org/>)
- coverage (<https://pypi.python.org/pypi/coverage>)
- nose (<https://nose.readthedocs.org/en/latest/>)
- Trello (<https://trello.com/>)

Nice-to-have (desirable)

- Experience in working with widely distributed teams.
- 5-7 years of Sysadmin experience, preferably in high availability, high security environments.
- Direct working experience with open source projects.

This is a permanent remote position with excellent benefits and competitive pay. We are able to accept qualified applicants from US, AUS or Canada.

Please send your CV to it-jobs@linuxfoundation.org.