



Xing Yang

python/java/go

python/go developer · shanghai movoto company

male | 24-year-old | bachelor | 3 years experience | ShangHai

13020138075 | [yxzoro@outlook.com](mailto:yxzoro@outlook.com)

---

## ■ Work Experience

### **Movoto** company in ShangHai

python/go developer

2017.03-2018.01

American real estate trading website(movoto.com) backend data processing project. python development

### **Lenovo** company in ShangHai

Python developer

2016.03-2017.03

Cloud computing management platform project, openstack project. python development

### **Sarnasea** company in QingDao

python/java developer

2015.04-2016.03

NEC microwave communication project. python development

DaYe pension system project. java development

---

## ■ Education Experience

### **QingDao University**

bachelor · computer science

Graduated 2015

---

## ■ Project Experience

## **american real estate trading website(movoto.com) backend**

### **data procesing project**

Python/Go developer

2017.03-2018.01

be responsible for backend data processing job of movoto.com, inclding data cleaning,classification, storing and other steps. The data come from american real estate provider like RETS company. the project is divided into some sub modules, which will do each job of downloading data, filtering data, converting data, classification handling, and some business logic handling. At the end, generating the final real estate data of all america to support the frontend team to show these estates in movoto.com. The whole project is developed all in Python, using tornado web framework, also using golang, there are some little scenes which require high-concurrency, so we use golang to replace python to get better performance. The database is mysql, and the amount of mysql is more than 100 million, the code of project is running in linux in form of cron jobs, to update data in time. Team has 6 members, we use git to manage code registry and cooperate with others, the git branch management follows the standard git development specification.

### **cloud computing management platform openstack project**

Python developer

2016.03-2017.03

based on openstack framework to develop cloud computing management platform. The main job is to expand the Ironic sub-module in openstack. to achieve that different vendor driver can control their own different machine hardware. We need to call the restful api of some other sub-modules in openstack like nova/neutron/zun to finish some requirements like virtual machines management.

The project is developed all in Python. Mainly using flask+sqlalchemy framework, using classic MVC design pattern, database is mysql, finally deployed in redhat/centos, it is an enterprise-level project, so we use apache serverand WSGI deployment. Team has 10 members, we use git to cooperate.

### **DaYe pension system project**

Java developer

2015.12-2016.03

The project is an outsourcing project to develop a pension system for a nursing home. The period of this project is very fast , about 3 months. Using java+ssh framework to develop. The frontend use bootstrap+jquery technology, design in SPA page structure, using ajax to get all data in one page. i also wrote some simple pages in it, the database is mysql, the business logic is almost CRUD operations, the main point of this project is to dock data between frontend and backend. Using svn to cooperate, finally deployed at tomcat server.

### **NEC microwave communication project**

Python developer

2015.04-2015.12

This is an outsourcing project from NEC. It is a microwave comunication hardware management platform. NEC provided us the low-level api to manage the NE hardware, we need to develop an easy-use system for the adminstrators to use. The business logic of this project is all about management of two NEs which can connect to each other to create a path for later microwave communication. For example, the creation, modification, deletion operation of a NE equipment, and some preparing operations of section before operation of NE and so on(because NE need some support of sections). and some softwave simulation of NE hardware. The project is developed all in Python+django. Using postgresSQL database, using mongodb to store logs. Mainly as a backend developer, finally using nginx+uwsgi to deploy in linux. Using svn to cooperate.

---

## ■ self description

```
{  
0: about 3 years experience in Python development,  
1: familiar with Python language, familiar with Python standard libs and common third-party libs,  
2: familiar with MVC pattern, familiar with common python web framework like django/flask/webpy,  
3: familiar with tornado/gevent async framework, familiar with multi process/thread/coroutine in python to  
achieve high-concurrency programming, familiar with producer-consumer concurrent pattern,  
4: has some experience in Python+Django wechat official accounts development,  
5: familiar with Mysql/Postgre/sqlite relational databases, familiar with sql and common python ORM  
frameworks like django/sqlalchemy/peewee, understanding sql performance tuning, has experience in  
more than 100 million level data mysql development,  
6: understanding mongo/redis/edcd nosql/kv type databases,  
7: familiar with rabbitmq/kafka message queue, familiar with using celery distributed async task  
framework,  
8: understanding frontend technology like html/css/javascript, bootstrap/jquery/react/vue frameworks,  
9: familiar with using svn/git version control tools ,use git more, familiar with team git development flow,  
10: familiar with common apache/nginx server and python web server like gunicorn/uwsgi, familiar with  
common ways of deploying python apps in linux,  
11: familiar with CentOS/Ubuntu/arch linux system, familiar with linux commands, understanding shell,  
12: familiar with using docker container technology,  
13: understanding and using golang, there are some high-concurrency scenes in project to replace  
python with golang to get higher perfoamance,  
14: understanding common backend develop technology like java/node/openresty,  
15: middle level softwave engineer certification of China-Computer-Qulification-Certification,  
16: CET-6, familiar with reading english documents,  
17: ability of fast learning of knowledge in new business logic, positive attitude of working.  
}
```

---

## ■ Expected Work

python/go developer , full-time , ShangHai , 15k-25k