

Mr. Yang Zheng

Python Web Engineer/Full-Stack Developer/Programming Teacher

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Summary

Major in Python Web Backend development. Full-stack developer, from software demand analysis, to prototype/UI, frontend, backend, and final deployment. Teaching at programming education company and universities.



Experience

2018~2022 Beijing XueJiaAo Education Programming Teacher

Company Introduction:

The unique authorization of Oracle Education in China, operate IT training and school-enterprise cooperation teaching.

Tech Stack:

Python, Django, Frontend, Computer major courses, etc.

Work Achievement:

- "Python Systematic Training in 20 Weeks" training course.
- "Frontend Systematic Training to Employment in 20 Weeks" training course (first 70% syllabus).
- "Python Django Video Project" training for newly hired teachers.
- "Python Crawlers and Visualization" practical training for students.
- "Software Testing", "Server Virtualization" elective courses.

Have teaching experiences in Henan University, Zhengzhou College of Aeronautics, Zhengzhou Tourism Vocational College, Shenyang University of Technology.

Sum up: teaching plan development, teaching (mainly python on campus or online), students Q&A, students assessment.

2017 LongQi Wig ERP Developer

Company Introduction:

Xuchang has the advantage of the lowest price of wig in the world. Through foreign trade, the company has grown rapidly, monopolized the market. Opened more than 20 stores including self-operated malls, eBay stores, Amazon stores and AliExpress stores, and placed advertisements on Google and YouTube. No matter where you buy wigs online, it's the same company behind.

Tech Stack:

Odoo, PostgreSQL, Complex business logic

My responsibility:

Due to the large number of stores and the rapid growth of orders, it was difficult for the sales staffs to handle.

I participate in development of Odoo OA to unify the business process. The approximate process is that request the API of each e-commerce platform to pull the order information down, extract them to the common structure, and store them to the ERP. Then sales team process orders, and then orders go to the finance department, finally go to the shipping department. Every step has a lot of concrete business logic.

2015 Synchronized Classroom Python Backend Developer

Company Introduction:

A primary education app, including subjects such as Mathematics and English. Benefits from collaborating with China Mobile and schools in Henan, during its heyday, there were over 200k active users who were online for more than 2 hours a day.

Tech Stack:

Django, MySQL, Vue, Docker. Complex business logic.

My responsibility:

Developing and collaborating with PMs, front-end developers and testers. I developed APIs about student-end test paper, school competition activities, teacher-end material management, etc.

Skill

Proficient • Experienced •

Understand • Not good or Dislike •

Production

Demand Analysis • UI design • Doc • Team Management •

Frontend

HTML/CSS/JS • ~~Bootstrap~~ • TailwindCSS • NodeJS • VUE • React • Vite Webpack •

Backend

Django • Flask • FastAPI • Odoo • ~~tornado~~ • ~~Scrapy~~ • ~~Selenium~~ • PostgreSQL • MySQL • Oracle • SQL • MongoDB • Redis •

Deployment

Linux/Ubuntu • Docker • CI/CD • AWS/Alibaba Cloud •

Coordination

Git • Space/YourTrack •

Others

RaspberryPi/sensors • Rack Server • ~~Crawler~~ • Scientific Computing • AI • Automated Maintenance •

Education

ZhengZhou University 2009~2013
Computer Science Bachelor

Certification

PCPP1 Python Institute
Certified Professional in Python Programming 1

ACE Alibaba
Alibaba Cloud Expert Cloud Computing

Language

English
reading/writing influence
listening/speaking limited