Basic Info

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Education

Degree	Field Of Study	School	Date
Bachelor	Information and Computing Science	Xiangtan University	Sep 2009 -- Jun 2013
Master	Computational Matchmatics	Xiangtan University	Sep 2013 -- Jun 2016

Summary

3 years experience on data engineering, used to use hadoop/spark/hive/es/numpy/scikit-learn do data processing, formiliar with machine learning algorithms, used to build recomendation system for a to-client project.

6+ years experience as server end developer, used to use various tech stacks, esp Python, Golang, NodeJs. familiar with internals of Python, web framework, MySQL, Redis, etc. Deep understanding of the tools we are using, still keep learning and digging the internals. Can concentrate on the things we are doing and keep improving it.

Working Histories

Tencent CSIG PA, ShenZhen GuangDong, May 2020 -- Sep 2023
Senior Backend Developer

- Processing and analyzing user traffic data on tencent cloud
- Designed and developed architecture for AutoBan service which handles an average 0.6 billion of web traffic aggregated from Tencent Cloud Gateway daily, compared to old service, latency of processing each traffic drops to 3ms, CPU usage decreased 89%, Memory usage decreased 72% etc.
- Introduced TDD into the development process, Unit testing, API testing, User story testing, etc, guarantee the quality of production service.
- Upgraded the tech stack used in AutoBan system into newer stable versions, and developed related documentation to make DevOps more easy.
- Push AutoBan System covered more business scenarios, trying to satisfy the compliance requirements as much as possible.
- Led development of related tools to make operation department work more efficiently.

- Designed and developed ICP query service which is used by all Tencent Cloud Products(260 qps), need guarantee it runs correctly, fast, and robustly.
- Designed and developed LogVerify, SafetyCheck, Metric systemes, etc.

Sea Shopee Seller Center, ShenZhen Guangdong, March 2017 -- May 2020
Software Engineer

- Took over seller center legacy code from the Singapore team and continued development.
- Conducted seller user management refactoring from v1 to v2.
- Designed and developed Payment submodule, and continue optimizing it.
- Code review for Order, Product submodule.
- Company wide knowledge share on: How to implement a WSGI web framework.
- Team knowledge share on: TCP/IP/HTTP illustrated.

BeautifulReading Inc, GuangZhou GuangDong, Sep 2015 -- Jan 2017
Software Engineer

- Implemented various features for the Poem For Child project.
- Involved in company wide project development: api gateway.
- Inherited book-shelf project and maintaining it.
- Crawling book related data with Python Scrapy.
- Analyze user related data with Hadoop, Hive.
- Building recomendation system for Poem For Child project.

Postgraduate research direction XiangTan University Sep 2013 -- May 2016

- Football outcome prediction based on HMM model
- Large vocabulary speech recognition

Personal Projects

GoFrame bugfix: contributed to Golang framework GF, fixed log file exceeded the rotate size setting.
tiktok-uploader bugfix: contributed to tiktok-uploader, fix start up problems.
Python Coca web framework: A Flask like python web framework implemented by myself.
Google Hosts: trying find best ips of google.com and use it access google service.
Drogo: make Chinese wechat im work under linux command line.
FastAPI issues: trying to contribute fastapi.

Skills

Python	Golang	NodeJs	C	PHP	Java	Bash
Flask	FastAPI	Django	GoFrame	Laravel	SpringBoot	ExpressJS
Git	Docker	Mysql	Redis	Kafka	Prometheus	MongoDB
TCP/IP/HTTP	WSGI/ASGI	AsyncIO	Concurrency	Optimization	Refactoring	TDD
System Design						

Python	Golang	NodeJs	C	PHP	Java	Bash
Flask	FastAPI	Django	GoFrame	Laravel	SpringBoot	ExpressJS