Personal resume

Persion Information

Chinese Name: Enjie Song

English Name: Jason

Date of Birth: 1995/05/03

Sex: Male

Apply to position: Software Development Engineer

Persion work experience: JD

Place of residence: China Beijing

Graduated From Chang'an University

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- Now, I stay in Beijing to find a suitable job for myself.

I worked as a Software Engineer in JD ,and I have about 2 year work experience. My major work was about OLAP system in bit data. I also did some other things like writing test cases,doing detailed designs and so on.I think I'm a good team player in project teams.I am eager to get an opportunity to fully play my ability,my computer skills and English skills.I think this job is a good choice and I can be competent for this job!!. That's all,thank you.

Professional skills;

- Familiar with the operating system and system kernel in linux and windows
- Familiar with C language, C++ .
- Familiar with GO.
- Familiar with MPP System structure(eg :clickhouse ,doris)
- Be able to use the java.
- ...

Project experience at JD

Project 1: OLAP (Online Analytical Processing)

OLAP solves Pb level data storage, ad hoc query, efficient and accurate de duplication, multiple data source access, compatibility with multiple data types, monitoring MySQL protocol, column storage, high availability and high concurrency fact data analysis system platform. Currently, Doris and Clickhouse are two open source products, with Doris as the primary work and Clickhouse as the main work in the later stage

1 Apache Doris : https://github.com/apache/incubator-doris

Doris mainly integrates the technology of Google Mesa and Apache Impala, and it is based on a column-oriented storage engine and can communicate by MySQL client.

- Personal work：

some commits for apache Doris: https://github.com/songenjie/incubator-doris/commits/songenjie-commit

- Details:

1. Fix be log not rotate bug commit

2. Suport json data type import commit

3. Support users with high QPS in the same query through result set cachecommits

4. Support importing Doris through hive sql commits

5. Fix java.lang.ClassCastException commit

6. Proficient in Doris storage design, writing process

2 Yandex ClickHouse https://github.com/ClickHouse/ClickHouse

ClickHouse is an open-source column-oriented database management system that allows generating analytical data reports in real time.

- Persion Works:

1. Proficient in Doris storage design, writing process

    - Clickhouse Struct : person struct jpg struct
    - Clickhouse Storage submit markdown

2. Clickhouse HA : Clickhouse realizes single machine, multiple copies, multiple clusters, multiple disks, and multiple processes design

3. Realize clickhouse expansion, offline, and replacement plandesign

Project 2: Monitor https://github.com/prometheus/prometheus

Prometheus, a Cloud Native Computing Foundation project, is a systems and service monitoring system. It collects metrics from configured targets at given intervals, evaluates rule expressions, displays the results, and can trigger alerts if some condition is observed to be true.

- some PR for me: branch

- Persion Works:

1. Complete system architecture Design
2. Prometheus Support Chinese Label Commits
3. prometheus resolved alter values is after value commit
4. support convert jmx metrics to prometheus metrics project
5. fix some else bug
6. package go log project

- If you are interested in me, please follow my personal github account: songenjie