Bruce Shan

Developer

Male 1995.08

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Education

2016.09-2019.07 Central South University

2012.09-2016.07 Changsha University

Experience

Software Engineering

Software Engineering

Master

Bachelor

2021.10-2022.5

DTS/Big Data Department

RedBook/Big Data Developer

Describe:company-wide infrastructure,data exchange,data collect platform.

Java,Python,Spring,Flume,Hive,Kafka

• Leading design and development of Agent-Smith, which was launched in two months.

• Design the SOP scheme for data migration between new and old platforms to achieve smooth

migration.

• Leading schema verify project, use mysql distributed lock and apollo to realize dynamic scheduling。

• Use distributed incremental id and ON DUPLICATE KEY UPDATE statements to realize Concurrent

safe update.

• Optimize the data collection SDK and fix the data delay and loss caused by log4j2 cache.

• Study the problem of data loss in Flume, optimize the performance of FlieChannel to make the data

throughput reach 60M/s.

• Use Arthas to diagnose hroughput performance of front-end APM.

2019.7-2021.9 Advertising data platform/Advertising Department

Meituan /Java Develpoer

Describe:one stop platform for Ad Index realtime and offline data building .

Java,RPC,Mafka,Spark,Stream compute

• designed and developed data consistency program.

• designed and developed system cluster disaster tolerance, use company RPC and configuration

management to achieve task scheduling, which improves the stability of the system.

• designed and developed the full-link intra-city architecture of the data platform to reduce the real-

time data delay of ad to the second level.

• design and develop the gray link of the system, realize the data gray through index magnification,

and develop the one-key gray configuration function.

• Use spark, hive, etc. to realize advertising dynamic creative offline big data construction (100 million

level), design polling mechanism to sense data source changes, and shorten offline index

construction time through spark performance optimization.

• developed advertising recall casedebug tool, material style management system , improve the

iterative efficiency of advertising business needs.

Skills

• Good Java language foundation

• CET-6 English speaking, reading skills

• Java Concurrent Programming

• Dtabase like Mysql, Search engine

• Understanding Microservices, RPC

• JSON,ProtoBuf serialize protocol

• Continuously improve system performance, stability

Self-evaluation

Enjoy coding | Summarize and Recovery ability

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| Quick learner | TDD,Meticulous

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Data driven | Good at analyzing and solving the problem | Team spirit and communication skills

