

Luo Li

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Work Experiences

Director of Bigdata Infrastructure department of DiDi Chuxing

Sep 2016 ~ Present

- Team Size: 70
- Main responsibilities:
 - In charge of the bigdata infrastructure team of Didi Chuxing, which is the world's leading mobile transportation platform.
 - Manage the teams of Bigdata offline, bigdata realtime, the NoSQL, OLAP system team and the platform and production team. Support the whole company's Data storage and Query system, Data processing, Offline data analyse, realtime data stream processing and all the clusters and DataCenter's infrastructure.
 - In charge of the Didi Cloud Business support and service providing team.
- Main achievements of the team:
 - Develop the intra release of Hadoop/Hive/Spark on the data offline data storage and processing cluster and Data Center to meet the intra requirements of new features, performance and security managements. Keep update the release and keep the cluster and service stable for 7 * 24. The production Cluster Scale in 2018 is nearly 10000 nodes with 600 petabytes across two Data Center.
 - Develop the intra release of Spark-Streaming/Flink for the Streaming processing system and cluster to supporting the real-time data processing jobs.
 - Develop the OLAP Query System based on Druid/Presto/Kylin to support the big-scale ad-hoc Query from the data analysts.
 - To support the bigdata Business system to perform Real-time risk control, performance and business system stability monitor, Data Warehouse, bigdata database. Etc.

Alibaba Cloud & Taobao.com

Nov 2010 ~ Sep 2016

- Team Size: 20
- Main responsibilities:
 - BigData infrastructure manager and Staff Engineer of Alibaba Cloud and Taobao.com.
 - In Charge of the intra Bigdata system and cluster in Alibaba. Developed the biggest, more than 10000 nodes, and first hadoop cluster which deployed in multi datacenters.
 - Manager of the Bigdata system on Cloud – MaxCompute(The ex ODPS, a independent developed Bigdata System by alibaba)
- Main Achievements:

- Develop the intra release of Hadoop/HDFS/Mapreduce on the data offline data storage and processing cluster and Data Center to meet the intra requirements of new features, performance and security managements. Keep update the release and keep the cluster and service stable for 7 * 24. The production Cluster Scale in 2014 is nearly 10000 nodes with 240 petabytes across two Data Center.

Baidu.com

Feb 2010 ~ Nov 2010

Developer of the Bigdata computing hadoop clusters in baidu, Support the search website's index building, BI analyse, and data production.

Alibaba.com

Nov 2008 ~ Feb 2010

Developer of the Bigdata computing hadoop clusters in Alibaba. Support the search website's index building, BI analyse, and data production.

Education Experience

Compute Sience and Technology Dept of Beijing institute of Technology Sep 2006 ~ Jul 2008

Information Technology Dept of Beijing Forestry University Sep 2000 ~ Jul 2004

Presentations

2011 Hadoop China Summit: Alibaba&Taobao's Bigdata File System <http://www.slideshare.net/luoli523/hdfs-59063656>

2013 Qcon Beijing: Alibaba's Bigdata system: <http://www.slideshare.net/luoli523/qcon2013-hadoop>

2013 China Bigdata Technology Summit: Alibaba's Cross Datacenter Hadoop: <http://www.slideshare.net/luoli523/namenode>

2017 System Architect Conference China : Didi's Bigdata offline and stream system:
<https://max.book118.com/html/2018/0731/6053102202001210.shtm>

2017 Bigdata Technology Conference China: The Bigdata Stream processing system in the Business monitoring and alarming:
<https://myslide.cn/slides/6500>

2018 Flink Forward China: <https://china-2018.flink-forward.org/conference-program/#the-application-and-architecture-of-the-real-time-computing-platform-in-didi>

Technicals

PMC&Committer member of Apache Alluxio

Code Contributor in Apache Hadoop HDFS/Mapreduce

Code Contributor in Apache Kylin

Java & Scala Programer

SQL and Data analyze

Source Code level familiar and development experience in Apache Hadoop/Hive/Spark/Flink/Druid

Hands-on experience on bigdata infrastructure, bigdata system development, cluster management, Datacenter management.

