

Big Data Platform Project

Description

- Develop a Big Data Platform to analyze real stock data.
- Implement a high performance data ingestion layer using Apache Kafka (200k msg/s).
- Develop a data storage layer using Apache Cassandra to store time series data.
- Implement a data stream processing pipeline using Apache Spark.
- Develop a visualization web app using Redis, Node.js, and D3.js.
- Create a scalable cloud deployment environment using Docker, Apache Mesos.

Description For Resume

- Implemented a high performance data processing platform using Apache Kafka, Apache Cassandra, and Apache Spark to analyze stock data (200k msg/s).
- Developed a visualization web app using Redis, Node.js, and D3.js.
- Created a scalable cloud deployment environment using Docker, Apache Mesos.

Skills

- Programming languages: Python, JavaScript, Shell Scripting
- Distributed Systems: Apache Kafka, Apache Cassandra, Apache Spark, Apache Mesos
- Web Development: Redis, Nodejs, D3.js, jQuery
- DevOps Infrastructure: Docker, Mesos