Sungjun Lee

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Profile

- Experienced in build ETL pipeline of feeding massive data, processing and delivering.
- Skilled in building and operating Elastic Stack for massive indexing, real time searching and visualization.

Work Experience

NAVER, South Korea – *Software Engineer*

Full-time, March 2018 – Present

- Reduced process time by 83% by rearchitecting review count feeding pipeline using coroutines.
- Decreased overall process time by 65% and ensured fault-tolerance by rearchitecting sale index feeding pipeline from on-premises batch architecture to stream based MSA on Kubernetes and adding auto retry feature.
- Increased feeding products by 40% and reduced process time by 80% by rearchitecting related products feeding pipeline for better performance.
- Reduced customer inquiry response time by 50% by leading internal validation tool renovation project as a mentor for internship.
- Improved real-time performance and reduced process delay by 50% by redeveloping review data process platform from on-premises monolithic batch architecture to stream based MSA on Kubernetes
- Operated products feeding data pipelines which process over 1 billion of products from hundreds of thousands of sellers.

Intern, December 2017 – February 2018

- Reduce customer and on-call duty employee's inquiry response time by 50% by building and operating integrated monitoring system using Elastic Stack consisting of 95 nodes in 5 clusters and stored 40B+ documents in total.

Activities

- Wrote an article on D2, the official blog of NAVER Corp, "Build data monitoring system using Elastic Stack and Lambda" (Available at https://d2.naver.com/helloworld/9878588)
- Gave a speech "Apply Kubernetes auto scaling by detecting Kafka lags" in NAVER Engineering Day 2019, the internal tech sharing event.

Education

- **Kookmin University**, South Korea - *B.S. Computer Science, GPA 3.74 / 4.5, Feb 2012 – Aug 2018*

Technical skills

- Languages / Technologies: Java, Kotlin, Python, SQL, Linux, Elasticsearch, PostgreSQL, Oracle, Spring, Hadoop, Kubernetes, Docker, Kafka, Jenkins, Airflow, Kibana, Logstash, Git