

Jess | Data Engineer



Hello,
I am a junior engineer who believes that accumulated data can change the world.

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📄 Blog: <https://hyeonji-ryu.github.io>

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📄 Resume: <https://hyeonji-ryu.github.io/Resume/>

👉 About

- I'm working as a data engineer and interested in distributed systems.
- I'm mainly used Shell script and Python at work, and currently studying Rust.
- I believe that working together is essential to solving problems.
- I try automating repetitive tasks and improving inefficient processes.
- I like open source and love the developer community.

👤 Work experience

Data engineer

2022.05 - Present

Kmong, Seoul

Bigdata engineer

2021.02 - 2022.05

Goodmorning Information Technology, Seoul

▼ Build bigdata system of MG Bank 2021.08-2022.03

- Build a big data platform with Cloudera Enterprise Hadoop and set up security (Kerberos, TLS)
- Support making of workflows about data warehouse and tuning query using Sqoop, Hive, Impala
- Make a workflow to load externally collected data to HDFS using NiFi
- Create and build custom Docker images to provide packages requested by the analytics team
- Improve query performance more than 20% by generating Impala statistical data

▼ Develop test cluster auto-building module 2021.06-2021.08

- Automate cluster building tasks that were previously performed manually by using Ansible
- Write a playbook for automating the environment setting of each server in a cluster
- Write a playbook that links the cluster with Active Directory, an account management tool

Skills

Languages

- Python
- Julia
- Rust
- Shell script

Bigdata Tools

- Hadoop
- Hive
- Impala
- Spark

Database

- MySQL
- MariaDB
- SQLite

DevOps Tools

- Linux
- Ansible
- AWS
- Docker
- Kubernetes
- Git

Data Analysis

- Tensorflow
- Scikit-learn

ETC.

- Plotly
- Flask
- Bootstrap

Education

Hankuk University of Foreign studies

2015.03 - 2020.02

Political Science and Diplomacy