DE II (Data Platform Engineer)

Interview process

/2 rounds:

/1: coding + technical interview [1-2 hours, english]
/2: technical interview [1-2 hours, english]

Job description

/Job Type: Full-time

/Seniority: Mid, Sr

/Get to know the Role:
As the Data Platform Engineer, you will be working on all aspects of Data, from Platform and Infra build to pipeline engineering and writing tooling/services for augmenting and fronting the core platform. You will be responsible for building and maintaining the state-of-the-art data platform supporting various departments in Geniebook. The team works closely with Data Analysts, Data Scientists, and business stakeholders across Singapore and Indonesia in understanding and tailoring the offerings to their needs. As a member of the Data Engineer Team, you will be an early adopter and contributor to various open-source big data technologies and you are encouraged to think out of the box and have fun exploring the latest patterns and designs in the fields of Software and Data Engineering.

/The day-to-day activities:

- Build and manage Geniebook's data platform and provide the most scalable and resilient open-source big data technologies as services to other teams. Technologies include Airflow, Spark, Kubernetes services, and more.
- Collaborate with Data Scientists to optimize ML models for high-throughput, low-latency use cases
- Design and build Infrastructure automation and monitoring tools for various platform teams in the Kubernetes ecosystem.
- Apply core software engineering and design concepts in creating operational as well as strategic technical roadmaps for business problems that are vague/not fully understood.
- Obsess security by ensuring all the components, from a platform, and frameworks to the applications are fully secure and are compliant with the group's infosec policies.

/The must-haves:

- A degree in Computer Science, Software Engineering, Information Technology, or related fields.
- At least 2 years as a Software/Data Engineer, with fluency and experience in either Go, Python, or Java.
- Proven track-record building large-scale, high-throughput, low-latency production systems.

- Good knowledge of Big data process engine systems like Spark, Hadoop, Kafka, Apache Flink, Beam, etc.
- Possess excellent communication and analytical abilities with proven design skills.
- Good in English speaking and writing.

/The Nice-to-Haves:

- Experience with Big Data architectures.
- Experience with build and deploy tooling - GitLab Runner, Terraform, Helm, and similar.
- Experience with databases: SQL and NoSQL.
- Experience with operating production services in cloud environments - GCP or AWS.