HIEU MINH NGUYEN

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Ambitous and enthusiastic Data Engineer with 2 years of experience in developing data pipelines and working with cloud technologies. I am passionate about building data products, solving technical and business problems, and utilizing both open-source and proprietary technologies to deliver the best solutions.

EXPERIENCE

Fossil Group, Inc   Ho Chi Minh, Vietnam
Data Engineer   Nov 2021 - Jul 2023
Engineering:
- Engaged directly in Data Platform to do ETL, data validation and monitoring.
- Developed an ingestion API in Rust for mobile apps and watch apps to send data to Kafka. Some Rust crates used: actix-web, kafka-rust.
- A core member to rebuild Python-based Data Platform in Rust. Performance was improved by 10x in production. Some Rust crates used: arrow2, polars, duckdb-rs, tokio, tower, pyo3.
- Technologies: Kafka, S3, Redshift, BigQuery, Airflow, Spark, Great Expectations, Grafana

Analytics:
- Worked closely with Product team to define app tracking events and build dashboards.
- Technologies: Data Studio, BigQuery, Redshift, Athena.

Fossil Group, Inc   Ho Chi Minh, Vietnam
Data Engineer Intern   Feb 2020 - Aug 2020
Designed data warehouse, implemented data transformation and built analytics dashboards.
Technologies: Firebase, BigQuery, Redash, Athena, MongoDB, Google Data Studio

Agilsun Co., LTD   Ho Chi Minh, Vietnam
Web Developer Intern   Jun 2018 - Aug 2018

EDUCATION

HCMVNU- Univerisity of Information Technology   Ho Chi Minh, Vietnam
Bachelor of Engineering, Information system   2016 - 2021
GPA: 9.1/10
Thesis: Constructing knowledege graphs with triple extraction techniques

Ben Tre High School for the gifted   Ben Tre, Vietnam
High School Diploma, Mathematics   2013 - 2016
GPA: 8.9/10

SKILLS

Data Engineering: Python, Rust, SQL, Airflow, Kafka, Spark, AWS (S3, SQS, Athena, Redshift).
DevOps: CI/CD, Docker, Kubernetes.