Stephen Hawkins

Big Data Engineer

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EXPERIENCE

Data Engineer

Duolingo (Jan 18 - present)

Key Qualifications & Responsibilities

- Constructed a data pipeline to process semi-structured data by incorporating 100 million raw records from 15 data sources

- Designed a data pipeline architecture for a new product that quickly scaled from 0 to 1,00,000 daily users

- Integrated data from many third-party APIs that provided data around local language preferences, leading to customized landing pages that improved paid conversion rate by 6%

- Led a team of 1 full-time employee and 3 contractors, and frequently collaborated with product managers and analysts
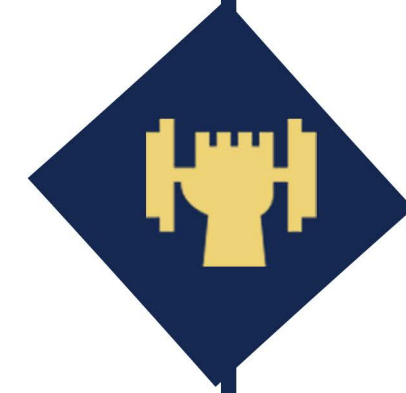
Data Engineer

MORSE Corp (2016-2018)

Key Qualifications & Responsibilities

- Collaborated with engineers and data teams to monitor, maintain, and leverage data for a $10M AI contract

- Defined, built, and executed ETLs to resolve navigation issues, preventing $1.2M loss

- Developed real-time data pipelines to provide insights for debugging integrations, improving operating efficiency by 32%

- Created portable data pipelines using Kedrio to provide a standard Machine Learning

SUMMARY

Senior Data Engineer with 5+ years of experience in building data intensive applications, tackling challenging architectural and scalability challenges in Finance.

SKILLS

AWS(Athena, Lambda, S3)

Spark, Kafka, Airflow,

SQL(Postgres, Redshift, MySQL)

NoSQL(MongoDB)

ETLs

Python

EDUCATION

B.S.Computer Science

XYZ University

📅 [2011-2012]