Vito Minheere

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PROFILE

Eager Data Engineer with 3+ years of experience, mainly in *Python* and *Google Cloud Platform*. Interested in building the simplest and most effienct solution to data problems.
Experience in data and software engineering allows me to streamline the transformed data to cater to developers and end-users.

JOB EXPERIENCE

Data Engineer - Qlouder/Cloud Technology Solutions, Utrecht

04-2019

Work as a Data Engineering consultant in the Google Cloud Platform ecosystem
Build modern web applications with *Python* but also worked with *Java*, *TypeScript*, *SQL* and *NoSQL* databases.
Build Data Pipelines using *Google Cloud Platform* tools.
Develop microservices using *Docker*, *Kubernetes*, *Terraform*

Data Engineer - Energyworx, Houten

05-2018 04-2019

Inhouse engineer working on data ingestion with *Apache Kafka* and transformation.
Managed the migration of the largest US customer to the new version of the data analysis framework
Build business rules with *Pandas* and *Scikit Learn*
Provide support to custom customer code within the platform.

Graduation Internship - Globalistics, Valencia

09-2017 03-2018

Extraction, transformation and loading (ETL) of data gathered via API
Use gathered data in modelling to predict shipping prices
Build API with *Django* to show results on website

Backend Developer - Nfnty/Conneqtech, Vlissingen

08-2016 09-2017

Worked on multiple client projects, both frontend and backend.
Build API in *PHP* and frontend in *AngularJS*.
Designed solutions for issues raies in ticket system.

Certifications

Google Cloud Professional Data Engineer

Projects

Data Extraction - Greenhouse

Extract data from internal applications and appliances for ingestion into databases and Cloud Storage. Build with *Python* and *Cloud Functions*

Accounting Tool - Tourism

Use data from the Datalake to be able to generate price quotes based on prediction data. Build the calculation backend in *NodeJS* and *Typescript*, frontend was done in *Angular*.

Datalake - Tourism

Extract and transform data from multiple sources to a single datalake. Datalake is used to feed dashboards, spreadsheets and internal applications. Ingestion framework build with *Python* using *BigQuery* and *AppEngine*
Exporting data to spreadsheets allowed company to work on them simultaneously in the cloud.

Data Processing - Utilities

Refactoring the monolith class for transforming data into smaller, easier unit-testable components
Analyzing and transforming time series data from IoT smart meters using Pandas and Numpy
Supporting customers with updating and applying business rules to their data sources

Data Science - Container Shipping

Research into container transportation price models
Enriching API data from suppliers with extra data to be used in model
Comparing the performance and accuracy of different models with *Scikit-learn*
Building an API with *Django* to enable the product owner's website to query actual and predicted container transport prizes

Education

Bachelor Software Engineering

2013-2018

Minor in Data Science

MBO Network Administrator

2009-2013

Technical Skills

Programming Languages: Python, Bash, Typescript
Data Technologies: Pandas, BigQuery, Dataflow
Operations Technologies: Docker, Terraform, Git
Web Backend Technologies: Firebase, Django, Flask, Dart, REST
Web Frontend Technologies: Flutter, Angular