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.

TECHNICAL SKILLS

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

JOB EXPERIENCE

Data Engineer - Incentro NEXT, Utrecht

04-2021 current

Develop micro services in GCP to help build customer solutions using *gRPC*, *Cloud Run* and *Terraform*
Coaching junior developers during projects

Data Engineer - Qlouder/Cloud Technology Solutions, Utrecht

04-2019 04-2021

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 raised in ticket system.

Projects

Data Extraction - Greenhouse

Extract data from applications and appliances using *Pub/Sub* and *CloudRun*. Extracted data is moved to into *Big Query* and *Cloud Storage*.
Build and maintain pipelines supplying data to machine learning models.

Accounting Tool - Tourism

Extended a frontend application with a price generating backend using *NodeJS* and *Typescript*, frontend was done in *Angular*.
Data was loaded from the Datalake using *Cloud Functions*, *BigQuery* and *Firebase Realtime Database*

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

Ingest large amount of data presented in csv files via *Pub/Sub* and *DataFlow*, files were stored in *BigTable*.
Analyzing and transforming time series data from IoT smart meters using Pandas and Numpy
Refactoring the monolith class for transforming data into smaller, easier unit-testable components

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

Certifications

Google Cloud Professional Cloud Architect

09-2020

Google Cloud Professional Data Engineer

06-2020

Education

Bachelor Software Engineering - HZ University of Applied Science in Vlissingen, Zeeland

2013-2018

Minor in Data Science

MBO Network Administrator - Scalda Vlissingen, Zeeland

2009-2013

Focus on Cisco CCNA Networking