

Paul Kleinschmidt

Data Engineer

WORK EXPERIENCE

Haensel AMS, Berlin, Germany
Technology and Data Analytics Boutique

Data Engineer/Partner 09/2021 – 12/2023

- Working as a data engineer on ETL/ELT pipelines that transform and join various data sources for (marketing) reporting purposes
- Usual (depending on client preferences) cloud infrastructure on AWS/GCP and using Kubernetes (K8) and Airflow for compute and orchestration
- Data Warehouses are either Snowflake, BigQuery or MySQL
- Main programming language is Python which is containerized and deployed using CircleCI (CI/CD)
- Development requires a certain degree of business context and general understanding of marketing concepts which then need to be translated into technical requirements and worked on with the engineering team

Data Scientist 09/2018 – 08/2021

- Working across various industries (e-commerce, logistics, retail) on data-driven solutions
- My role involved communicating with clients to first work out conceptual and then technical approaches to solving business goals (e.g. customer segmentation, churn prediction, customer-lifetime prediction)
- Role also involved developing MVPs (Python, XGBoost, Sklearn) and then supporting engineering team in deployment and monitoring of models

OTHER EXPERIENCE

Saatchi & Saatchi, London, UK
Multinational communications and advertising agency

Account Management Intern 07/2015 – 08/2015

- Working in collaboration with client Deutsche Telekom AG on mobile game "Sea Hero Quest"
- Contributed through research work on existing game offerings and projects done by competitors

EDUCATION

Maastricht University, Maastricht, Netherlands
Public University

MS Business Intelligence and Smart Services (BISS) 09/2017 – 08/2018

- Explorative Master Thesis about the prediction of student dropout at Open University (Netherlands) using Deep Learning Algorithms (LSTMs)
- **8.16 GPA**

BS International Business 09/2014 – 07/2017

- Specialization in Information Management.
- Exchange Semester at Monash University in Melbourne (Australia)
- **8.48 GPA** (Cum Laude)

CONTACT

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SKILLS

Programming Languages:

- Python
- SQL
- Bash

Cloud Services:

- AWS (EC2, ECS, EKS, RDS, Lambda, API Gateway)
- GCP (VM, BigQuery, Cloud Run)
- Azure (Databricks, Storage)

Techniques:

- ETL/ELT
- CI/CD
- Distributed Processing
- Machine Learning

Tools and Software:

- Apache Airflow
- Snowflake
- Docker
- Kubernetes
- CircleCI
- Git

Languages:

- German (Native)
- English (Fluent)