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Marvin Taschenberger

Data Engineer

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Solution oriented data architect with a strong focus on automation, communication and sharing knowledge. Architectures that create and code that i write always puts humans first.

SKILLS

Tools and Languages	Python, SQL (MySQL, Postgres), NoSQL (MongoDB, Clickhouse, Neo4j), Kafka, Linux, Docker, Cloud (Google), Golang (hobby)
Communication	German (mother tongue), English (business professional)

TECHNICAL EXPERIENCE

Data Engineer <i>Solactive</i>	Dec 2018 — Present <i>Frankfurt</i>
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Outline

Key Responsibilities

- Development of various frameworks, packages and services connecting to REST API's for data ingestion
- Design and Implementation of REST API with distributed workers and monitoring
- Creation of flexible schedulers and distributed services using celery
- Construction of a small near-real time streaming engine for crypto-based indices
- Development of new and refactoring of services to an event-based and service oriented architecture
- Designing several dashboards for monitoring and operation using dash
- Implementation of distributed data-pipelines using dask
- Web-automation using Selenium.
- Training of business-user, analysts and developers in python and general programming
- Supervision and training of the departments software-engineering interns
- Conducting interviews and coding-tests
- Representation of the company and department on job-fairs

Consultant Data Scientist <i>STATWORX</i>	Oct 2017 — Nov 2018 <i>Frankfurt</i>
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Outline

Key Responsibilities

- Support and Manage of major projects.
- Numerous side projects
 - development of a AI based Tool to estimate the the success rate for invites on business portal like Linked-In or Xing.
 - Engineering of software to simplify deployment of AI in production environments
 - concepts and realization of database-systems and data-pipelines

Project: Multinational retailer <i>STATWORX</i>	Oct. 2017 — Nov. 2018 <i>Frankfurt</i>
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Outline

Creation of a web based Application to evaluate and forecast customers effect on changes in the pricing strategy. The underlying simulation supported either models either based on statistical elasticity or on a random forest.

Key Responsibilities

- Extension and fine tuning of the statistical and machine learning models by enriching the underlying business model and data pipelines.
- Designing the technical architecture to bring the manual POC into production
- Automate the data preparation via python and airflow and deploy it via docker on premises.
- Design and implementation the Full-Stack application using R, R-Shiny, JavaScript.
- Deployed the Tech-Stack on multiple platform over its lifetime including on-prem, Azure and Google Cloud.
- Hold trainings and workshops for the clients to handle the application from the business perspective as well as the technical.

EDUCATION

M.Sc. Economics — Major in Statistics and Econometrics - Grade: 1.9 , <i>University of Bonn</i>	2015 — 2017
B.Sc. Economics 2012 — Major in Macroeconomics - Grade: 2.1 , <i>Christian Albrechts University, Kiel</i>	2012 — 2015

INTERESTS

D&D, 3D-printing and modeling, Cooking, Coffee