Bonn, NRW
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Jakob Endler
Data Engineer

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Portfolio | endler.tech

Highly driven Data Engineer with 3+ years of experience
Areas of expertise: SQL, Python, ETL, Containerization
Impact: Setup automated data infrastructure to facilitate development of a 5G-FWA coverage simulation

PROJECTS

Data Engineer, IT Services @ DHL   **04/2022 — ongoing**
- I'm currently working on a Project on Google Cloud Kubernetes Engine to setup automated data pipelining, using Redpanda for data streaming and ClickHouse for analysis.
- The whole deployment is setup via Terraform IaC and Kubernetes.

Data Engineer, Network Automation @ Deutsche Telekom   **02/2020 — 07/2020**
- Contributed in the deployment of an automated solution to store OpenStack-Logs in an ELK-Stack Architecture.
- Used Apache Kafka to stream new logs into Logstash, which was deployed using Docker.
- Python was used to load data from the elasticsearch database.

Python Web-Developer, Science 2 Startup Bonn e.V.   **10/2018 — ongoing**
- Co-Founded a startup-focused local nonprofit called Science 2 Startup Bonn e.V..
- Setup a Django/Wagtail-based Webpresence for the nonprofit @ s2s-bonn.de, including a mailserver and shortlink application.

EXPERIENCE

Data Engineer   **04/2022 — ongoing**
DHL   Bonn
- I am currently employed as a Data Engineer in DHL's IT Services Division, where i setup data intensive applications and pipelines using primarily Python, SQL, Kubernetes, and Google Cloud.

Data Engineer Student   **10/2018 — 03/2022**
Deutsche Telekom AG   Bonn
- I was employed in an integrated degree program at Deutsche Telekom AG, combining a Bachelors Degree in Computer Science and Telecommunications with practical experience working with 5G and Fiber Networks.
- My role in the Network Planning Department of Deutsche Telekom was to design and implement workflows to model the technical performance of 5G networks.

EDUCATION

Bachelor of Engineering in Computer Science, HTWK Leipzig   **09/2018 — 03/2022**

TECHNICAL SKILLS

Technical Skills	Linux, Google Cloud, Database-Management, Kubernetes, Software Engineering
Programming	Python, Pandas, Docker, SQL, ELK-Stack, Git, Webdev
Other	Proficiency in German & English, Entrepreneurship, Certification for Apache Airflow

VOLUNTEER EXPERIENCE

Founding Member & Organisation, Science to Startup Bonn e.V.   **10/2018 — ongoing**
- **Nonprofit Work.** I am actively planning and holding events about Entrepreneurship and Startups at a local nonprofit.

CERTIFICATIONS & AWARDS

2018	Jugend Forscht 1. Place (**Programming a Hearthstone Bot using ML**)
2018	Certificate of Advanced English (**University of Cambridge UK**)
2020	Young IT Talent (**Accelerator Program @ Deutsche Telekom**)
2021	Data Engineering Foundations (**Linkedin Learning Platform**)
2022	Certification for Apache Airflow (**Astronomer.io**)