

Syed Ali Murad Tahir

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EXPERIENCE

- Tesla** Berlin, Germany
09/2023 - Present
 - Data Engineer - Working Student*
 - Implement ETL pipelines in Airflow using Python and SQL
 - Create interactive time series dashboards in Grafana with InfluxDB
 - Optimize personalized Grafana Plugins using Docker, Go, and TypeScript
 - Create multi-cluster databases in ClickHouse
 - Develop, maintain, and present engineering dashboards to stakeholders in the USA and Germany, aligning with cross-regional team requirements
- Getsteps** Berlin, Germany
12/2022 - 04/2023
 - Business Intelligence - Working Student*
 - Design and implement data pipelines in PostgreSQL
 - Perform Extract, Transform, Load (ETL) processing to extract data from various sources using SQL and dbt
 - Adjust current data marts and reports by adding new columns and KPIs
 - Design multiple dashboards using Metabase that were used by the marketing team in making informed business decisions
 - Design a whole new organizational structure to increase transparency in datamarts
- Europcar Mobility Group** Hamburg, Germany
09/2021 - 11/2022
 - Business Intelligence - Working Student*
 - Design reports in SAP BO and Data Studio
 - Adjust and create new data marts using SQL
 - Create data pipelines using SQL
 - Adjust existing and develop new VBA macros in Excel and Access

PROJECTS

- Extracting & Analyzing Contract Information Using LLMs:**
- Enhancing Movie Recommendations with Behavior Sequence Transformer:** Technologies: NumPy, Pandas, TensorFlow, Keras
- Large Language Models for Reliable Berlin Public Administration Answers:** Technologies: LangChain, TensorFlow, Hugging Face
- Designing Seq2Seq Translation Model (English to Bulgarian) with Attention Mechanism:** Technologies: Numpy, Pandas, Circlify, Sklearn, TensorFlow, Keras, NLTK, Matplotlib
- Financial News Sentiment Analysis:** Technologies: Numpy, Pandas, Circlify, Sklearn, TensorFlow, Keras, NLTK, Matplotlib
- Semantic Segmentation for Biomedical Image Segmentation:** Technologies: Numpy, Sklearn, Pytorch, Matplotlib
- Stock Price Prediction using LSTM & Fbprophet:** Technologies: Python, Numpy, Pandas, Matplotlib, Seaborn, Tensorflow, Keras, Sklearn, Statsmodels, FBProphet
- CNN on Multilabel remote sensing images:** Technologies: Numpy, Pandas, Matplotlib, Sklearn, Pytorch
- Customer Segmentation using Deep Learning:** Technologies: Numpy, Sklearn, TensorFlow, Keras

EDUCATION

- Technische Universität Berlin** Berlin, Germany
M.Sc. Informatik 10/2021 - 11/2024
- Jacobs University Bremen** Bremen, Germany
B.Sc. Electrical and Computer Engineering 09/2017 - 09/2020

SKILLS

- Languages:** C++, C, Python, SQL, Go
- Tools:** VS Code, Linux, Git, LaTeX, Tableau, Metabase, Looker Studio, Jupyter Notebook, BigQuery, SAP, dbt, Airbyte, Airflow, Grafana, InfluxDB, Docker, PostgreSQL, MySQL, ClickHouse

PUBLICATIONS

- Combining Information Retrieval and Large Language Models for a Chatbot that Generates Reliable, Natural-style Answers

LANGUAGES

- English - Native
- Hindi/Urdu - Native
- Deutsch - A2