

# Syed Ali Murad Tahir

Email: syed.alimurad.tahir@gmail.com

Portfolio: stahir01

Linkedin: syed-alimurad-tahir

Mobile: +49 15252906492



## EXPERIENCE

DATA ENGINEER AT TESLA WITH NEARLY THREE YEARS OF EXPERIENCE

- Tesla** Berlin, Germany  
*Data Engineer - Working Student* 09/2023 - Present
  - 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  
*Business Intelligence - Working Student* 12/2022 - 04/2023
  - 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  
*Business Intelligence - Working Student* 09/2021 - 11/2022
  - 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. Information Systems Management* 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