

HASSAN RAFIQUE

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📍 Home: Deggendorf (Germany)

ABOUT ME

Experienced Data Engineer specializing in the design and implementation of ETL processes for enterprise data warehouses. Proficient in developing robust data pipelines and data processing applications within big data environments. Demonstrated expertise in modeling complex data structures. Eager to apply skills in working with machine learning algorithms, data visualization, business intelligence, and various data analysis tools.

WORK EXPERIENCE

Data Analyst and Reporting

Krones [01/06/2023 – Current]

City: Neutraubling

Country: Germany

- Data collection from SAP and Salesforce.
- Make Analysis and Create Power BI Report.
- Data Modeling, Data Pipeline, Schema Design.
- Data Analysis, SQL, MS Access, Pandas.

Big Data Engineer

Ineuron.AI [01/08/2022 – 15/03/2023]

Country: India

- Proficient in Pandas, NumPy, and Matplotlib for data cleaning, numerical computations, and visualization.
- Extensive experience in ETL, Data Lake management, and optimizing data warehouse pipelines.
- Skilled in various databases: DBMS, SQL, NoSQL (e.g., MongoDB, Apache Cassandra).
- Cloud computing expertise, particularly in Microsoft Azure (Data Lake, Data Factory, Synapse Analytics).
- Adept at big data technologies (Hadoop, Apache Hive, Airflow, Cassandra, Spark) and integrating machine learning algorithms for comprehensive data analysis.

Business Intelligence Developer

Kavtech Solutions (Private)Ltd. [15/05/2021 – 01/12/2021]

City: Lahore

Country: Pakistan

- Expert in collecting and analyzing diverse data sources.
- Proficient in data cleaning and model development using Power Query editor and DAX.
- Skilled in analyzing and optimizing existing applications, tools, processes, and systems.
- Experienced in designing and implementing data warehousing solutions, establishing relationships.
- Utilizes ETL tools, Python Pandas, and SQL for seamless data integration and in-depth analysis.

EDUCATION AND TRAINING

Master of Science in Artificial Intelligence and Data Science

technische hochschule deggendorf(DIT) [01/05/2022 – Current]

City: deggendorf

Country: Germany

Business intelligence, Knowledge discovery in databases, Data visualization, and Machine Learning. Artificial Intelligence

Bachelor of Science in Software Engineering

The University of Lahore [15/03/2017 – 15/03/2021]

Website: <https://uol.edu.pk>

Software engineering, Software architecture, and design. Database management system, Object-oriented Programming, Data structure, and algorithm, Software project management.

CERTIFICATIONS

DP-203 Microsoft Azure Data Engineering Associate

Azure Data Factory || Apache Spark pools || Azure Data Streaming Solution || Azure Synapse Analytics || Azure Stream Analytics || Azure Event Hubs || Azure Data Lake Storage || Azure Databricks

DP-900 Microsoft Azure Data Fundamentals

Core Data concepts || Relational and Non-Relational Data || Azure Cosmos DB || Data Warehouse Analytics

Python Project for Data engineering

[03/12/2022 – 05/01/2023]

International financial analysis company

company tracks stock prices, commodities, forex rates, inflation rates.

Data visualization using power BI

[01/11/2022 – 30/11/2022]

Data Transformation and Analysis || Reporting || DAX || Power BI web Service

Mathmetics for Machine Learning

[01/02/2021 – 01/04/2021]

Coursera : || Linear Algebra || Multivariate Calculus || PCA

DIGITAL SKILLS

Data engineering

python programming / Matplotlib / Seaborn / Scikit-Learn / Apache Airflow. / Apache - Hive / Business intelligence / Big Data Design and Implementation with hadoop and scala / Data Cleaing and Integration / MySQL / ETL / Data Mining and Data Warehousing / Data Pipeline

Mathematics and statistics for Machine Learning

Principle component Analysis / Statistics and probability / Calculus and Analytic Geometry / Discrete Structure

Software Engineering

Software testing / Software Project Management / object oriented programming / Software architecture and design / Building Modern Responsive Website with HTML5, CSS3, Bootstra / Web framework: Django

Software Tools

Microsoft Excel / Power BI/ Power Query / Git, Git Bash / docker / Jupyter Notebook / Github / Rapidminer / Visual Studio code

LANGUAGE SKILLS

Mother tongue(s): **Urdu**

Other language(s): **English Language : Proficient User | German : Basic User**
