SUNJAY NAIR

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Summary

- Ambitious analytics and decision science driven professional with 7+ years experience in transforming data into actionable insights
- Knowledge and experience in agile methodology
- Multinational cross-site working experience in organizations and teams of various scales.

Experience

Wellster Healthtech Group
Analytics Engineer

04/2022 – 07/2022
Munich, Germany

- Optimised data-warehouse with modern data stack (GCP + Airflow + DBT)

GLEIF
Data Scientist

02/2021 – 04/2022
Frankfurt, Germany

- Built a check facility that enables a proactive way to stop erroneous data. Improved Data Quality by **53** %
- Developed a user acceptance test framework which automates testing of data quality checks. Reduced time spent on the activity from **1** day to **15** minutes per check.
- Responsible for data sourcing, exploratory analysis and visualization for ad-hoc analysis.
- Responsible for translating complex business problems into actionable project requirements and its documentation.

GLEIF
Data Scientist Intern

10/2018 – 01/2021
Frankfurt, Germany

- Performed data modelling, mapping and integration of diverse sources to create a data pipeline consumed by data quality reports. Reduced manual effort of **48 hours** to **20 minutes**.
- Designed and developed a dashboard that monitor the data quality.
- Developed custom helper functions that extract data from multiple sources and integrate them using Python.

Tesco Bank
Data Engineer

02/2017 – 08/2017
Bangalore, India

- Developed error-handling routine reducing the batch processing failure by **60** %.
- Enhanced and optimized the ETL framework that enabled real-time fraud detection.

AIG
Data Analyst

05/2014 – 02/2017
Bangalore, India

- Involved in the scoping, execution and delivery of Actuarial ODS (Operational Data Store).
- Created pre-processing scripts for ETL framework reducing the batch processing time by **3hours** daily.
- Developed the ETL framework for Insurance Data Warehouse to integrate data from various source systems.
- Designed and developed a dashboard for reviewing the Litigation Process using Tableau.

Education

Technische Universität Kaiserslautern, Germany | *Master in Computer Science*   **04/2018 – 12/2020**

- **Master Thesis** : Address data quality enhancement by improving accuracy of reference by weak supervision
- A framework to improve address data quality using unsupervised machine learning algorithms.

Visvesvaraya Technical University, India | *Bachelor of Engineering in Information Science*   **09/2010 – 05/2014**

- **Bachelor Thesis**: Sentiment Analysis for Financial news articles
- Built a dictionary-based sentiment analyzer for financial articles from news sources.

Skills

Languages: Python, SQL	**ETL Tools**: IBM DataStage, DBT, Airflow
Business Intelligence Tools: Power BI, Tableau	**Certifications**: ITIL 4, Prince2 Agile
Technologies/Frameworks: Git, LaTeX, Docker	**Language**: English(Fluent), German(B1)