

Naresh Reddy Macharam

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Profile

Data Engineer with good experience in ETL Environment using Talend, SQL and Tableau to develop dashboards to show key KPIs for business decisions. Seeking an entry level role to apply my passion for utilizing SQL, Big Data and Machine Learning skills to solve complex problems.

Education

University of Greenwich, London— Masters

Feb 2023 – Jan 2024

Masters in Data Science

Key Modules:

- Big Data
- Machine Learning
- Statistics for time series analysis
- Data Visualisation
- Block chain Technology

Project: Forecasting Cryptocurrency Prices Using Machine Learning Techniques — LSTM, Bi-LSTM, ARIMA and SARIMAX

Malla reddy college of engineering &tech, Hyderabad—

Aug 2016 – Dec 2020

Bachelor of Technology Score-6.21

Electronics and Communication Engineering

Narayana junior college, Hyderabad— Higher secondary education

Apr 2013 – Apr 2015

Mathematics Physics Chemistry: Score- 9.38

Loyola model high school, Hyderabad— SSC

Apr 2005 – Mar 2013

Score-8.8

Technical Skills

Tableau Desktop(Good), SQL(Good), Talend(Good), TAC(Good), python(Good), Hadoop(Basics), HDFS(Basics), Cypher(Basics), Data warehousing(Basics), Data Modeling(Basics), Machine Learning Algorithms(Good), Deep Learning(Basics), Predictive modeling(Basics), Statistical Analysis(Basics)

Work Experience

Data Engineer

April 2021- Feb 2023

Tata Consultancy Services, Mumbai-India

Value driven IT services company with 600k+ employees

- Debugged and fixed the incorrect Sold price of gas turbines using SQL and Talend to provide real-time insights of sold price into Tableau report to make business decisions.
- Enhanced parts price details dashboard where selling price of each individual part of a turbine products was added into Tableau report, saving manual efforts for users by 90%.
- Built the data and reporting infrastructure from the ground up using ETL Talend, SQL, and Tableau to build 12 Tableau reports to track the deals of gas turbines from booking to delivery and installation at the customer site, providing value to business KPIs and reducing manual calculation by users by 100%.

- Supported the team with multiple TAC job failures and Tableau data sources failures to debug and fix the issues during the version upgrade of Greenplum from Gp4 to Gp6.

Awards

- On the Spot Award: Appreciation for my contribution and support in critical projects
- On the Spot Team Award: Appreciation for my support and commitment with the team on important deliverables.
- Certificate of Appreciation: Appreciation for my hard work on tableau deliverables from TCS GE power data analytics.

Languages

English, Telugu, Hindi