

Sathwik Bollepalli

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PROFILE

- Aspiring Data Scientist focused on establishing data-centric solutions in business environments.
- Analytics Tools: Python (Pandas, NumPy, Scikit-learn), R, SQL, MS Azure, Power BI, Tableau, Excel.
- Core Competencies include Machine Learning Algorithms (like Linear & Logistic Regression, Decision Trees, Random Forest), Data Analytics, Data Engineering, and proficiency in Statistics.
- Courses: Applied Statistics, Research Design & Measurement for Data Science, Machine Learning, Data Mining, Time Series Analysis, Deep Learning, Data Visualization

EDUCATION

University of Connecticut – Storrs, CT

August 2023 – May 2024

Master of Science, Data Science

Lovely Professional University – Guntur, India

August 2019 – May 2023

Bachelor of Technology, Computer Science & Engineering

PROFESSIONAL EXPERIENCE

MAQ Software Pvt Ltd.

Hyderabad, India

Software Engineer I, ML Engineer

May 2023 – August 2023

- Played a key role in developing and implementing complex SQL queries, significantly enhancing data retrieval and analysis efficiency.
- Utilized Azure ML to streamline the machine learning lifecycle, facilitating a no-code approach for model development and deployment.
- Achieved a notable reduction in code execution time from 2 hours to 27 minutes through code optimization techniques.

MAQ Software Pvt Ltd.

Hyderabad, India

Associate Software Engineer, Data Engineer

May 2022 – April 2023

- Implemented automated ETL processes using Azure Data Factory, which streamlined data management and improved operational efficiency.
- Created dynamic Power BI reports using diverse data sources, enhancing client communication and engagement for field users.

ACADEMIC PROJECTS

- **Bank Customer Churn Prediction | R | ML** – The Customer Churn Prediction project in the banking sector utilized a Kaggle dataset for predictive analysis. It employed logistic regression, decision trees, and random forests to analyze and predict customer churn. The analysis focused on identifying high-risk customers and aiding in the development of effective retention strategies.
- **Email Spam Detection | Python | ML** – This project classifies the email as spam or ham using Multinomial Naive Bayes Classifier and used pipelines to organize and automate the process.
- **Python Data Analysis | Python | SQL** – Analyzed some popular data sets using Numpy and Pandas in python and also using SQL which helped me get used to real world projects.

ACHIEVEMENTS AND CERTIFICATIONS

- Modern Big Data Analysis with SQL Specialization.
- Google Data Analytics.
- Hacker Rank certifier Advanced SQL Programmer.
- Hacker Rank certifier Python Programmer.