

Musturu Mukesh Kumar Reddy

+91 7981491191 | 9346mukeshkumarreddy@gmail.com | linkedin.com/in/mukeshkumarreddy-musturu |
github.com/9346mukesh | prtfol.com/mukeshreddy

EDUCATION

GITAM University

B.Tech in Computer Science and Engineering

Bengaluru, India

2022 – Present CGPA: 8.28 / 10

Narayana Junior College

Intermediate

Hyderabad, India

2020 – 2022 Percentage: 96.6%

Bhashyam High School

SSC

Tirupati, India

2019 – 2020 Marks: 595 / 600

EXPERIENCE

AI/ML for Networking Intern – Intel Unnati Industrial Training

May 2025 – Jul 2025

Intel Corporation

Remote

- Designed machine learning models for network traffic analysis, achieving **92% classification accuracy**.
- Optimized data preprocessing and inference pipelines, reducing model latency by **15%**.
- Identified and mitigated previously undetected network vulnerabilities, improving system security reliability.
- Led a **4-member team**, managing task allocation, timelines, and technical guidance while owning feature engineering, model training, and evaluation.

PROJECTS

Awesome Chocolate Sales Analytics Dashboard | Power BI, DAX, SQL, Data Modeling

- Engineered a high-performance **Power BI dashboard** using a **Star Schema architecture** to integrate transactional data across **6 global regions**.
- Implemented advanced **DAX calculations** to track Year-over-Year growth and profit margins, reducing reporting latency for **100% of sales data**.
- Consolidated fragmented CSV sources into a unified analytical model, resolving data visibility issues across **3 core business entities**.
- Identified a **5% shipment cancellation rate** in the APAC region using drill-down analysis, enabling targeted operational improvements.

Phishing Website Detection App | Python, scikit-learn, Streamlit, Machine Learning

- Developed a supervised **Random Forest machine learning model** achieving **95.2% accuracy** in classifying phishing and legitimate URLs.
- Engineered a feature extraction pipeline analyzing **30 lexical URL attributes** without relying on HTML content scraping.
- Deployed an interactive **Streamlit web interface** to visualize predictions and security classifications for non-technical users in real time.

Zomato Bangalore Restaurants Analysis | Python, Pandas, Data Analysis, Visualization

- Performed in-depth **Exploratory Data Analysis (EDA)** on the Zomato dataset to uncover dining trends across the Bengaluru region.
- Created data visualizations to identify the **top 10 cuisines and restaurant categories** driving customer demand.
- Analyzed the relationship between **restaurant ratings and average cost** to identify key profitability indicators.
- Evaluated the impact of **online ordering availability** on customer ratings to generate actionable insights for restaurant owners.

SKILLS

Programming Languages: Python, SQL, C++

Databases: MySQL, PostgreSQL

Data Analysis & Visualization: Power BI, DAX, Excel, Data Modeling, KPI Analysis

Machine Learning: Supervised Learning, Unsupervised Learning Classification, Feature Engineering, Model Evaluation

Data Handling: Data Preprocessing, EDA

Libraries & Frameworks: Numpy, Pandas, Matplotlib, Scikit-learn

Version Control: Git, GitHub

CS Fundamentals: DSA , DBMS, Computer Networks, OOPs, Operating System

Soft Skills: Analytical Thinking, Business Understanding, Clear Communication, Insight Presentation

CERTIFICATIONS

Data Analytics Certificate - Google Cloud

Computing Foundations Certificate - Google Cloud

Programming for Everybody (Python) - Coursera

Professional Certificate in SQL and SQL for Data Analysis - Udemy Software Engineer Intern Certification - HackerRank