

# Musturu Mukesh Kumar Reddy

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## 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

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**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

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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