MAMIDISETTI VISHNU VARDHAN

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Professional Summary

Data Science enthusiast with a 9.4 CGPA and expertise in machine learning, Python, SQL, and advanced data modeling. Certified in **Data Science for Engineers**, **Google Data Analytics**, and **Meta Database Engineering**. Experienced in developing data-driven solutions and implementing machine learning algorithms for crop recommendation systems and water potability studies. Seeking opportunities to apply my skills to real-world data science challenges.

Skills

- **Programming Languages:** Python, SQL, R, Java
- **Data Science:** Data Wrangling, Data Visualization, Advanced Data Modeling, Algorithms
- **Databases:** MySQL, MongoDB
- **Other:** Problem-Solving, Machine Learning, Data Analysis

Experience

Intern | AICTE

06/2024 to 08/2024

- Developed and optimized data management workflows, resulting in a 15% increase in efficiency.
- Collaborated with a team to build solutions for internal processes using Python and SQL.
- Maintained accurate records of all activities performed throughout the internship period.
- Identified and responded to customer needs promptly and efficiently.

Education

Bachelor of Technology: Data Processing

SR University, Warangal

Expected Graduation: May 2025

- Relevant Coursework: Data Science, Machine Learning, Database Management, Data Structures
- CGPA: 9.4
- Member of the Data Science and Coding Club
- Ranked in Top 10% of Class

Websites, Portfolios, Profiles

- LinkedIn
- GitHub

Certifications

- **Data Science for Engineers** (NPTEL, 07/2023)
- **Meta Database Engineer** (03/2024)
- **Data Structures and Algorithms Specialization** (University of California, San Diego, 10/2023)
- **Google Data Analytics Professional Certificate** (03/2024)

Achievements

- Completed competitive coding challenges in Data Structures and Algorithms, demonstrating strong problem-solving skills.

Projects

- **Water Potability Prediction:** Developed a machine learning model to predict water quality based on chemical attributes, using Python libraries such as Pandas and Scikit-learn. View on GitHub
- **Crop Recommendation System:** Built a recommendation system using machine learning algorithms and data science tools to suggest optimal crops based on soil and environmental conditions.
- **Database Engineer Capstone:** Designed and implemented a relational database, applying advanced data modeling and MySQL skills.
- **Google Data Analytics Capstone:** Analyzed large datasets and presented insights using SQL, Tableau, and R, creating visual dashboards.

Languages

- **English**
- **Telugu:** Native