

Ramakrishna Dyavari

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OBJECTIVE

Motivated Data Science undergraduate seeking a challenging role at a top tech company to apply problem-solving and competitive programming experience. Eager to contribute to impactful, real-world data-driven projects.

EDUCATION

Geethanjali College of Engineering and Technology, Hyderabad (Data Science)
B.TECH (CGPA 7.3/10)

August 2023 - Present

Siddhartha Institute of Technology and Sciences, Hyderabad (Mechanical Engineering)
Diploma (CGPA 9.3/10)

2019 - 2022

WORK EXPERIENCE / INTERNSHIP

Google AI-ML Virtual Internship April 2024 - June 2024

- Completed a virtual AI/ML internship covering supervised & unsupervised learning, data preprocessing, model training, and evaluation. Built and evaluated models in Python using Scikit-learn and TensorFlow.

TECHNICAL SKILLS

Programming Languages: C++, Python, Java, JavaScript, SQL, HTML, CSS, Tailwind CSS

Machine Learning & Deep Learning: TensorFlow, Keras, Scikit-learn, NumPy, Pandas, Matplotlib, Seaborn

Tools & Platforms: React.js, Node, Jupyter Notebook, Google Colab, MongoDB,

Competitive Programming: Proficient in problem-solving with experience on HackerRank (6-star), LeetCode, CodeChef, The-Hive and GeeksforGeeks

PROJECTS

Algo-Visualizer :

- Built an interactive sorting algorithm visualizer using React, demonstrating key algorithms like Quick Sort, Merge Sort, Insertion sort, Selection sort and Bubble Sort with real-time animations.
- Implemented user controls for algorithm selection, speed adjustment, and array size, enhancing understanding of algorithm behavior and complexity.

Heart Disease Prediction using Machine Learning :

- Developed a machine learning model to predict heart disease, including data preprocessing (handling missing values, encoding, scaling).
- Evaluated models (KNN, Logistic Regression, SVM, Decision Tree, AdaBoost, Gradient Boosting) and assessed performance using accuracy, precision, recall, and F1-score.

ACHIEVEMENTS & CERTIFICATIONS

- Java - **Oracle**
- Python (Essentials -1) - **Cisco**
- SQL (Basic, Intermediate) - **Hackerrank**
- Data Structures and Algorithms - **Smart Interviews**