DASARI VEERA RAGHAVULU
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EDUCATION

Degree	Specialization	University	Year	CGPA
B.Tech	*Computer Science & Engineering AI, ML, & DL*	Bennett University	2023-Present	9.54
		Narayana College	2023	9.82
SSC	-	Adarsha Vidyanikethan	2021	10.0

TECHNICAL SKILLS

- **Languages:** C++ (Data Structures and Algorithms), Python (Pandas, NumPy, TensorFlow)
- **Tools and Frameworks :** GitHub, VS Code, Jupyter, Google Colab, Flask
- **AI and Machine Learning :** Supervised and Unsupervised Learning, Neural Networks, CNNs, NLP, Feature Engineering
- **Data Analysis and Visualization :** Pandas, Matplotlib, Seaborn
- **Databases :** MYSQL
- **Mathematics :** Statistics, Linear Algebra, Probability Theory

PROJECTS

- **Dynamic AI Resume Analyzer and HR Tool** *Jan-Mar 2025*
  - Developed a dynamic web application that analyzes resumes and extracts key entities (Name, Email, Phone, Skills, Education) using regex and NLP techniques.
  - Implemented a job-role matching engine using TF-IDF and cosine similarity to rank resumes against job descriptions with high accuracy.
  - Integrated Gemini-powered AI chatbot for real-time user interaction, deployed as a floating widget without affecting existing code.
  - Enabled multi-format file uploads (PDF, DOCX, TXT), automated job suggestions, recruiter feedback, and downloadable results.
  - Enhanced UI with modern HTML/CSS design, achieving user-friendly interaction and seamless front-end/backend integration.
- **Student Performance Analysis** *Feb-Apr 2024*
  - Used machine learning algorithms (Logistic Regression, Decision Trees) to predict academic performance based on various factors (e.g., gender, ethnicity, parental education).
  - Visualized insights using Seaborn and Matplotlib to demonstrate key performance influencers
- **MNIST Digit Detection** *Sept-Dec 2025*
  - **Programmed a CNN model in Vivado and Python** to **detect numbers in the MNIST data set** based on the **pixel values of the datapoints** available as images through machine learning techniques
  - Developed the **Adder, Multiplier, Neuron, Neural Layer, and Activation Function sub-models from scratch** by taking **input as floating point numbers** and eventually integrated them to run the model
  - More Projects: Raghava Portfolio Raghava.com

CERTIFICATIONS

- **Microsoft Azure AI Fundamentals** *[2024]* Certified
- **Coincent Langify (AI)** *[2024]* Certified

ACHIEVEMENTS

- **Dean List** *[2025-2026]* Certified

HOBBIES

- Reading Books
- Watching SC-FI Movies