BHARATH AJJARAPU

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PROFILE

A motivated second-year student with strong interests in AI, Software Engineering, Machine Learning, and System Design. Passionate about learning new frameworks and technologies to solve real-world problems. Excellent communicator with strong problem-solving abilities and a collaborative mindset.

EDUCATION

VNR VJIET | *Bachelor of Technology*   **Hyderabad, Telangana**
Artificial Intelligence & Data Science   **2022-2026**
Relevant Coursework
- Software Design
- Programming Through C
- Data Structures and Algorithms
- Object Oriented Programming Through Java

TSRJC Sarvail | Intermediate   2022
Rainbow High School | High School   2020

SKILLS

Tools: Linux/Unix, Visual Studio, Git
Technologies: Django, Flask, TensorFlow, PyTorch, Google Cloud, Firebase
Programming Languages: Python, Java, JavaScript (React and Electron), C and C++

WORK EXPERIENCE & PROJECTS

Maria App | *GitHub Link*   **2024**
- Created a local LLM App Based on Electron and llama.cpp.
- Trained a large language model that can have conversations and run locally
- Successfully demonstrated the app across more than 100 different systems.

Aceify Exam Bot | *GitHub Link* | Deployment   **2024**
- Utilizing Gemini LLM and Gemini Embeddings for implementation.
- Semantic searches through your PDFs with great accuracy and speed.
- A semantic search engine using FAISS for exam preparation through PDFs.
- Helped reducing time finding relevant answers for over 50 students.

AI Law Assistant | *GitHub Link* | Deployment   **2024**
- An AI Law Assistant specifically tailored to Indian laws using Gemini Pro.
- Implemented a reward function to reduce hallucinations and better accuracy.
- Helped reducing case preparation time by 40% for over 100 legal professionals.

CERTIFICATIONS

Machine Learning by Stanford University & DeepLearning.AI   2024
Google Cloud Computing Foundations   2023

ACHIEVEMENTS & INTERESTS

Winner of a state-wide Hackathon utilizing machine learning models.
Won a college-wide Python Hackathon, demonstrating software development
Led a team to the Regional Finals of Model United Nations (MUN) India 2020, fostering leadership and collaboration skills.
Interests: Linux, Open Source Software, Artificial Intelligence, Large Language Models, Automation, Android Modding.