AGITHA AKSHAYANI

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CARRIER OBJECTIVE:

Enthusiastic and quick-learning Computer Science and Engineering student (expected graduation 2028) with a strong academic record (9 CGPA). Possessing foundational skills in C, Python, and OOP, complemented by strong soft skills. Actively building a robust understanding of mathematics and exploring cutting-edge fields within AI, including Machine Learning, Deep Learning, and Generative AI, as demonstrated through personal projects.

EDUCATION:

Malla Reddy Women's Engineering College, Hyderabad.	2024 – 2028.
Computer science and engineering (CSE), with -	9 CGPA(up to first Sem).
Intermediate – Resonance JR college, Hanamkonda.	2022 – 2024.
MPC (maths, physics, chemistry), with –	95 %.
School - Ekashila Edu School, Huzurabad.	2021 – 2022.
CBSE - Central Board of Secondary Education, with –	94 %.

SOFT AND TECHNICAL SKILLS:

Technical skills	:	C, Structure, Python, OOPs.
Soft Skills	:	Interpersonal communication, Active listening, Public speaking, Creativity, flexibility, Problem-solving, Patience, Adaptability, Time management, and Leadership.
Other skills	:	MS Office, AI Tools.

PROJECTS:

Project Title: Simple Bank Account Management System
GitHub link: https://github.com/akshayani30/python-programmes/blob/main/oops/PQ s_2.py
Project Description:

- This project provides a foundational implementation of a bank account using **Python**. It allows users to create accounts with an initial balance and account number. The system supports basic banking operations such as depositing (crediting) funds, withdrawing (debiting) funds, and checking the current account balance. This is a simple model for understanding the core functionalities of managing financial accounts programmatically using **OOPS**.

Project Title: Weekly Fitness Data Analysis
GitHub link: https://github.com/akshayani30/c-programmes.git
Project Description:

- This C program tracks and analyzes weekly fitness data. It uses a **struct** to store daily steps, calories, and heart rate. The **inputData** function gathers this information for seven days. **analyzeData** calculates weekly totals and average heart rate. It then provides basic feedback on step count, calorie burn, and heart rate range using conditional statements. The program demonstrates fundamental C concepts **like structures, arrays**, input/output, and basic data analysis.

CERTIFICATIONS:

- **Cisco certifications** in the **C language** and **Python** programming language.

INTERESTS:

- Actively strengthening **mathematical foundations** through dedicated study and practice to support advanced technical understanding.
- Conducting ongoing research into **Machine Learning (ML)** and **Artificial Intelligence (AI)** methodologies to grasp core concepts and emerging trends.
- Specifically exploring **Deep Learning (DL)** architectures and their applications through independent study and resource exploration.
- Investigating the principles and practical applications **of Generative AI models** to understand their capabilities and limitations.