MEGANATH LOVA SUDHEER BARRE

Rajam,Andhara Paradesh

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EDUCATION

Amrita Vishwa Vidyapeetham   **06 2022 – 06 2026(Expected)**
*Bachelor of Technology in Computer Science and Engineering - **CGPA** - **7.93***   *Chennai, India*

Narayana Junior College   **05 2020 – 05 2022**
*Intermediate Education - **Percentage** - **95.8%***   *Vizag, India*

Sri Chaitanya School   **06 2019 – 03 2020**
*Secondary School Education - **CGPA** - **10.0***   *Rajam, India*

COURSEWORK / SKILLS

- Computer Networks
- Database Management System (DBMS)
- Machine Learning
- Data Structures and Algorithms
- OOPS Concept
- SQL
- Python
- C and Java (basics)

PROJECTS

Farmers Management System | Python , HTML , JavaScript , MySQL
- **Developed** a full-stack system using Python and C for backend, HTML/CSS/JavaScript for frontend, and MySQL for data management.
- **Implemented** Django and Flask frameworks for seamless web development and API handling.
- **Utilized** Git for version control and Docker for containerization to streamline deployment and ensure consistency across environments.

Chatbot using LLM - | Python , Google Generative AI ,HTML,JavaScript
- **Developed** a chatbot using Python and Google Generative AI, leveraging an LLM for dynamic responses and implementing user authentication and search history tracking.
- **Utilized** IPython for interactive features and natural language processing to enhance user experience

CNN Based Object Recognition | Python ,Yolo , OpenCV
- **Developed** a CNN-based system for real-time object recognition and tracking to assist visually impaired persons with navigation and safety.
- **Utilized** Python, yolo, and OpenCV for building and deploying the machine learning model and processing visual data.

TECHNICAL SKILLS

Languages: Python, Java(Basic proficiency), c(Basic proficiency),SQL,
Developer Tools: VS Code, MySQL Workbench, eclipse IDE , Jupyter Notebook
Technologies/Frameworks: Linux(Basic proficiency), Hadoop, Junit

RELEVANT EXPERIENCES

Hackathon Participant, IIIT Sri City Hackathon (Feb 2024): Solved problem statements on Data Structures and Algorithms.

CERTIFICATIONS

- **The Complete Python Pro Bootcamp** - Udemy
- **Machine Learning, Data Science, and Generative AI with Python** - Udemy   3 October 2024