

R THULASI RAM

Computer Science (Data Science) Undergraduate

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SUMMARY

Computer Science (Data Science) undergraduate with a strong foundation in Data Structures and Algorithms, alongside hands-on experience in AI, full-stack development, and data analytics. Built impactful projects like real-time emotion detection and personalized AI companions, driven by a passion for solving real-world problems.

PROJECTS

Real-Time Facial Emotion Detection

Facial Emotion Detection System

- Built a system that can recognize emotions in real time on the face using OpenCV and MediaPipe. This system uses facial landmarks to find feelings like happiness, sadness, and anger.
- Tech Stack:** Python, OpenCV, MediaPipe, NumPy

Soulmate. AGI - A Personalized, Evolving Companion (Ongoing)

Personalized AI Companion

- Creating an intelligent AI companion that learns from everyday interactions through voice commands, emotional recognition, and generative model-powered memory-based learning.
- Tech Stack:** Python, Streamlit, Google Generative AI, SpeechRecognition

Spotify Music Data Visualization

Exploratory Data Analysis G Dashboard Design

- Created interactive Power BI dashboards to analyze track popularity, genre trends, and top artists using Spotify data, with an emphasis on visual storytelling and clean UI design.
- Tech Stack:** Python (Pandas, Matplotlib), Power BI

EDUCATION

Bachelor of Technology in Computer Science Engineering (Data Science)

Mohan Babu University

📅 2022 - Present 📍 Tirupathi, AP

GPA

8.7 / 10

KEY ACHIEVEMENTS

🔗 Leadership Experience

Represented the class in academic and administrative matters.

H Problem Solving

Solved 250+ LeetCode problems, showcasing strong DSA skills.

📅 Event Hosting

Hosted for major fests at MBU, engaging large audiences confidently.

VOLUNTEERING

Lead Host

Mohan Babu University

Organized and hosted university-wide technical and cultural events, ensuring smooth execution and audience engagement

Executive

Indian Society for Technical Education(MBU)

Actively contributed as a student executive, coordinating technical sessions, workshops, and peer-led initiatives under the ISTE chapter.

Coordinator

Technical Education for IT Dept(MBU)

Planned and executed departmental events to boost student engagement

SKILLS

Python

Java

HTML

CSS

Data Structures and Algorithms

SQL

RDMS

Data Visualization

OOPS

Power BI

Data Analytics

CERTIFICATION

The Complete Java Development Bootcamp by Udemy

Udemy - Jose Portilia

Core Python Programming

Google via Coursera

Data Visualisation – Empowering Business with Effective Insights

TATA Forage

Data Science Virtual Experience Program

British Airways (Forage)