AR KEERTHANA

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Education

Vellore institute of technology, Chennai   Chennai, India
Integrated MTech in Computer Science Engineering with specialization in Business Analytics. CGPA – 8.36   2022 - Present

D.A.V. Group of Schools   Chennai, India
Percentage – 88.8%   2020 - 2022

Experience

GUVI Geek Network Private Limited – IITM Research Park   Chennai, India

Data Science Specialist Intern

- Reported to Mr. Santhosh N , Data Science Specialist
- *Worked under the mentorship of Mrs. Shadiya P and Mrs. Nehlath within the Zen Data Team ..*
- Worked on machine learning, artificial intelligence, and deep learning projects, gaining hands-on experience in advanced data science techniques.
- Developed skills in Web Scraping, Natural Language Processing (NLP), Chatbot Development, LSTM for Conversational Context, Object Detection using YOLO, and Data preprocessing and augmentation for object detection tasks.

Leadership & Activities

Hackathons:

- **Hack the Horizon | VIT Chennai**
  Winner: Emerged as champions after two rounds of evaluation, standing out among 700 students from 25 different colleges across Tamil Nadu.
- **Myntra Hackerramp '24**
  Finalist: Shortlisted among over 29,000+ teams, with an acceptance rate of less than 4%.
- **GirlScript Summer of Code '24**
  Contributor: Actively contributed to open-source projects as part of this prestigious coding program.
- **Smart India Hackathon (SIH) 2023**
  Participant: *Successfully selected in the second round at the college level.*

College Event CLUB – Chennai, India
Event Manager
   Spearheaded the sponsorship department for a high-profile Drone Show event, securing sponsorships from more than 10 diverse companies; showcased exceptional communication and negotiation skills, raise more than Rs.1.00,000 for the show.
College level MUN-Chennai, India
   Participated in the Model United Nations event, showcasing strong debating and speaking skills.

Projects

Mythicon - Platform Game   Game Development

- Mythicon is a Python Pixel-core Platform game inspired by Flappy Bird, set in the mythical world of Mythicon. Players embark on a quest to help a dragon trapped in an enchanted forest escape by avoiding obstacles and navigating through treacherous terrain. - Features:- Dynamic Gameplay, Custom Pixel Art, Engaging Soundtrack, Highscore Tracking.

Skills Used :- Python, Pygame, Tkinter, MySQL, Adobe Photoshop, Ibis Paint X.

Data science -college projects.

- Developed "Fake News Prediction" project in DAA using Python with a pretrained dataset, employing modules such as Pandas, NumPy, and Matplotlib.

- Conducted EDA on "Vehicle Sales Analysis and Prediction," applying machine learning concepts like random forest and regression, and preprocessing data from scratch.

Skills & Interests

Technical: Python, C, HTML, CSS, MySQL, TensorFlow, PyTorch, Pandas, Scikit-learn, NumPy, Seaborn. *Object Detection using YOLO, Natural Language Processing (NLP), Chatbot Development*

Language: English (Fluent), Tamil (Native), Hindi (Basics), French (Basics)

Interests: Data science , Machine learning, Artificial Intelligence , Data Analytics