

AR KEERTHANA



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Education

Vellore institute of technology, Chennai

Integrated MTech in Computer Science Engineering with specialization in Business Analytics. CGPA – 8.33

Chennai, India

2022 - Present

D.A.V. Group of Schools

Percentage – 88.8%

Chennai, India

2020 - 2022

Experience

GUVI Geek Network Private Limited – IITM Research Park

Chennai, India

Data Science Specialist Intern..

- 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%.
- **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.

Certifications:

- **Machine Learning 101** - GUVI
- **Fundamentals of Gen AI** - GUVI
- **Introduction to AI, Pair Programming with AI, Prompt Engineering** - LinkedIn Learning
- **SQL - Basic** - LinkedIn Learning
- **Introduction to Packet Tracer** - Cisco
- **Introduction to Cybersecurity** - Cisco

Projects

Projects

Mythicon - Platform Game

Domain: Game Development

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 Projects

- **Vehicle Density Detection Using YOLO**
Skills Used: YOLO, Python, OpenCV
- **ECG Arrhythmia Prediction and Classification**
Skills Used: Deep Learning, Python, MIT-BIH Dataset
- **Optimizing Data Privacy in Healthcare**
Skills Used: Quantum Computing, Data Anonymization

Skills & Interests

Technical: Python, C, 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