HEMANTH M

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Education

B.E. Information Science Engineering — MIT Mysore CGPA: **8.3/10** Relevant Coursework: Data Structures, Algorithms, DBMS, Operating Systems, OOP

Pre-University (PUC — Christ The King) 86%

Technical Skills

Languages: Java, Python, JavaScript, SQL
Core CS: Data Structures, Algorithms, OOP, DBMS, Operating Systems
Web Development: HTML, CSS, Tailwind, Bootstrap, React.js, Redux, Node.js, Express.js
Databases: MongoDB, MySQL
Machine Learning: TensorFlow, Keras, NumPy, Pandas
Tools: Git, GitHub, Linux Terminal, Postman

Experience

AIML Intern — Spherenex Feb 2026 – Present

- Processed and transformed datasets for machine learning workflows
- Implemented and evaluated ML models on real-world data
- Automated preprocessing pipelines using Python
- Collaborated using Git version control

Projects

Speech-to-Speech Translation System

- Built end-to-end pipeline integrating ASR, machine translation, and TTS
- Implemented voice cloning and audio preprocessing
- Developed interactive interface for real-time usage
- Technologies: Python, Whisper, Streamlit

LSTM Stock Price Prediction

- Designed time-series forecasting model using deep learning
- Performed normalization and feature engineering
- Visualized and evaluated prediction performance
- Technologies: TensorFlow, Keras, Python

Achievements

- Secured **2nd Place** at HackFusion 1.0 Hackathon, MIT Mysore (Sep 2025)
- Solved 100+ Data Structures and Algorithms problems on LeetCode
- Participated in Pragyatha Hackathon 2024
- Attended Artificial Intelligence workshop at IIT Hyderabad

Additional Information

Languages: English, Kannada, Hindi
Interests: Fitness training, technology exploration