

# NAVADEEP KANDRU

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## Education

- Indian Institute of Information Technology, Sri City
- B.Tech in Artificial Intelligence and Data Science
- Harvest Senior Secondary School(CBSE)
- MPC

Expected May 2027  
CGPA: 7.85 / 10.0  
2021-2023  
Percentage: 85.6

## Personal Projects

### Medical-Chatbot

 GitHub Link

Developed an AI-powered chatbot for healthcare queries using open-source LLMs.

- Implemented a Retrieval-Augmented Generation (RAG) pipeline using LangChain and HuggingFace for context-aware medical query handling.
- Integrated the Ollama Mistral model for response generation and applied safety filters for responsible AI output.
- **Tech Stack:** Python, LangChain, RAG, Prompt Engineering, Hugging Face, PyTorch, Flask, Ollama Mistral.

### Sales-Insights-Dashboard

 GitHub Link

Built an interactive dashboard to analyze sales performance by creating data pipelines to clean, transform, and load data.

- Designed Power BI Matplotlib dashboards to visualize KPIs such as revenue growth, product demand, and regional sales trends.
- **Tech Stack:** Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Power BI, SQL.

### Fake-News-RNN-LSTM-GRU-Classifier

 GitHub Link

Developed a deep learning model for classifying fake vs. real news articles.

- Built and compared RNN, LSTM, and GRU architectures for text classification, achieving high accuracy on benchmark datasets.
- Preprocessed text data with tokenization, embeddings, and padding for sequence learning.
- **Tech Stack:** Python, TensorFlow, Keras, PyTorch, RNN, LSTM, GRU, NLTK, Scikit-learn, Hugging Face.

## Technical Skills and Interests

- **Languages:** C++, Python
- **Technologies/Frameworks:** Machine Learning, Deep Learning, LangChain, RAG, PyTorch, Scikit-learn
- **Cloud/Databases:** SQL
- **Data Science:** Data Analysis, Visualization, Feature Engineering, Exploratory Data Analysis (EDA)
- **Web Tools:** Git, GitHub, Docker, CI/CD pipelines, Streamlit
- **Other:** Data Structures and Algorithms (DSA), Prompt Engineering, Data Visualization (Power BI, Matplotlib)

## Achievements

- **Smart India Hackathon 2025:** Led a team and proposed AI-Driven Unified Data Platform for Oceanographic, Fisheries, and Molecular Biodiversity Insights.
- **Programming:** Solved 200+ Problems from Leetcode and GeekforGeeks.
- Secured All India rank of 21,000 in JEE Advanced.

## Positions and Responsibilities

- **Placement Coordinator at IIITS:** Actively coordinating student-industry interactions, facilitated campus recruitment drives, and supported peers in career readiness.
- **Beatripperz(Dance club IIITS):** Actively contributed to planning, organizing, and leading cultural events and dance performances on campus.