

DEEPTHI V

B.Tech Artificial Intelligence and Data Science

Karpagam College of Engineering

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Deepthi2006

Examination	University	Institute	Year	CGPA (%)
Graduation	Anna University	KARPAGAM COLLEGE OF ENGINEERING	2023-2027	8.9
HSC	State Board	MALAR MHSS	2022	9.4

KEY PROJECTS**Agriculture Chatbot** | Python, Machine Learning, NLP

- A chatbot to help farmers by answering queries and providing agricultural advice.
- Improved NLP model accuracy and added domain-specific knowledge.
- Gained expertise in NLP, chatbot optimization, and real-world AI applications

Energy Consumption Prediction System | Machine Learning, MLOps, Docker, Flask

- Trained regression models on historical energy data and deployed using Flask inside Docker containers.
- Integrated MLOps practices for versioning (DVC), automation (Jenkins), and containerization (Docker).
- Enhanced skills in ML lifecycle management, containerization, and deploying production-ready AI systems.

Fake News Detection System | Scikit-learn, Flask, NLP, Pickle

- A web app to classify news headlines as real or fake using multiple ML algorithms.
- Tested 5 algorithms and deployed the best one using Flask with model loading via Pickle.
- Sharpened ML evaluation, Flask integration, and deployment strategies for lightweight apps.

YouTube Sentiment Analysis App | Flask, YouTube Data API, NLP, TextBlob,ML

- Developed a web app to analyze sentiment from YouTube video comments.
- Integrated YouTube Data API to extract comments and used TextBlob for sentiment analysis.
- Improved skills in API integration, NLP, and building user-friendly Flask applications.

CERTIFICATIONS

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|--|-----------------------------------|
| • Python for Data Science (NPTEL) | • Java (RDBMS) |
| • Business analyst Qualification(QLIK) | • Internship at Prodigy infotech. |
| • Design and Analysis of algorithms(NPTEL) | • IOT (NPTEL) |
| • PostgreSQL(RDBMS) | • Bytes python certificate. |

SKILL SET

Skills	Soft Skill	Tools	ML/DL frameworks
Python SQL	Java HTML & CSS	Communication Adaptability	Numpy Pandas Keras

SCHOLASTIC ACHIEVEMENTS

- Won 1st place in The Orator's Voice .
- 100 days badge at Leetcode.
- Clinched 2nd Prize in Paper Presentation by Orator's Club

EXTRA-CURRICULAR ACTIVITIES

- Participated in various hackathons including SmartIndiaHackathon
- Participated in Gamathon by Dream11
- Solved 100+ plus problems in Leetcode and Geeks for Geeks.
- Participated in various coding contest.
- Secretary in Orators club,Karpagam College of Engineering.
- Participated in various Elocution and Blog writing contest.
- Participated in K-Eureka by Karpagam College Of Engineering.