



MEENAKSHI CHANDRAN C A

Pursuing BTech in Computer Science

Profile Summary

Machine Learning enthusiast with strong Python programming skills and a solid understanding of machine learning fundamentals. Passionate about applying ML and NLP techniques to real-world problems, particularly in areas like Fake News Detection and Subjective Answer Sheet Evaluation. Proficient in web development using Django and experienced in database management with PostgreSQL and MySQL. Strong analytical skills, problem-solving abilities, and a keen interest in exploring AI-driven solutions. Eager to contribute to innovative projects and enhance my expertise in artificial intelligence and data science.

Personal Project

E-commerce Website | Django, HTML/CSS

- Developed a Django-based E-commerce website to facilitate seamless online shopping experiences.
- The site allows users to view detailed product information, including pricing, descriptions, and images.
- Integrated a shopping cart system for adding, updating, and removing products, enhancing user convenience.
- Created an intuitive and visually appealing interface to improve overall user engagement

Academic Project

Fake News Detection System | Python, NLP, Machine Learning

- Developed a machine learning-powered system for Fake News Detection, ensuring accurate classification of news articles.
- Integrated natural language processing (NLP) techniques for effective text preprocessing and feature extraction.
- Trained models with Logistic Regression, and Random Forest for high accuracy.
- Created a web-based interface where users can input news articles for real-time classification

DEEPGRADE: Subjective Answers Evaluation System

- Developed a BERT-powered evaluation system using Flask to automatically grade subjective student responses by comparing them to teacher-provided answers.
- Integrated semantic similarity using BERT embeddings to accurately assess answer quality, going beyond keyword-based matching.
- Enabled CSV upload for teacher and student responses, with automatic marks prediction and result visualization through plots and statistical analysis.
- Designed an intuitive web interface for teachers to upload responses, get predicted marks, and view detailed performance analytics per student and question.

Educational Qualifications

2021 – Present

Bachelor of Technology in Computer Science

College of Engineering, Attingal
APJ Abdul Kalam Technological University
CGPA: 7.42 (upto seventh semester)

2020 – 2021

Std XII

Government Higher Secondary School, Kilimanoor
Kerala State Higher Secondary Board
Percentage Marks: 92

2018– 2019

Std X

Government Higher Secondary School, Kilimanoor
Kerala State Higher Secondary Board
Percentage Marks: 95

Contact Details

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Personal Information

- Gender: Female | Nationality: Indian
- Marital Status: Single
- Date of Birth: 29-05-2003
- Languages: English, Malayalam

Technical Skills

- Programming Languages:** JavaScript, HTML/CSS, Java, C, Python
- Frameworks/Libraries:** Python Django
- Tools:** Git, VSCode
- Concepts:** Machine learning, Artificial intelligence
- Databases:** PostgreSQL, MySQL

Other Skills

- Leadership ability
- Creativity
- Good oral and written communication skills
- Team player
- Time management
- Problem-Solving skills

Hobbies

- Vocal music
- Cooking
- Watching Movies

COURSES & TRAINING

NPTEL-System and Usable Security (IIT Madras)
Jan- Feb 2024

NPTEL-Python for Data Science (IIT Madras) Jul-
Aug 2023

Workshop on ANN and CNN at IHRD Model
Finishing School