MOHAMMED MANALODI ABDULLATIF

AI AND DATA SCIENCE STUDENT

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As an AI and Data Science enthusiast, I specialize in machine learning and deep learning. With a passion for AI's transformative potential, I've developed projects using cutting-edge technologies like neural networks and NLP. Driven to apply AI and ML to real-world challenges, I aim to contribute to impactful innovations in the field.

SKILLS

- **Programming Languages:** Python, JavaScript, SQL, R
- **Foundational Skills :** Artificial Intelligence, Machine Learning, Deep Learning, Data Science, NLP, Big Data, Computer Vision ,Data Preprocessing & Feature Engineering,Data Visualization
- **Machine Learning Tools :** Tensorflow, Scikit-learn, PyTorch,Open Cv,Keras, PaddleOcr, Transformers (Hugging Face)

INTERNSHIPS

ICFOSS Trivandrum – Trivandrum, Kerala, India   **Sept 2023**
Intern – Machine Learning with Python
- Gained hands-on experience in machine learning by building and training models using Python.
- Worked on real-world projects focusing on data preprocessing, model development, and evaluation.

Docker Vision – Kochi, Kerala, India
Intern – Computer Vision   **July 2024**
- Gained hands-on experience with OpenCV and YOLO in computer vision tasks.
- Worked on a License Plate Recognition (LPR) project, enhancing real-time recognition and image processing skills.

PROJECTS

AI-Powered Admissions and Course Assistant Chatbot   **April 2024**
- Designed and developed an interactive chatbot to provide instant responses to frequently asked questions (FAQs) related to admissions and courses.
- Leveraged Meta's LLaMA3 for fine-tuning, optimizing conversational accuracy and significantly improving the user experience.

AI-Powered OCR Receipt Structuring   **February 2025**
- Developed an intelligent OCR system to automatically extract and structure receipt data, converting it into a standardized JSON format for seamless integration.
- Utilized PaddleOCR for text recognition and fine-tuned with LLaMA3 and Mistral to enhance data structuring and improve accuracy in converting unstructured receipt information into structured data.

EDUCATION

Bachelor of Technology (B.Tech), Artificial Intelligence & Data Science   **June 2021 – Present**
MEA Engineering College – Malappuram, Kerala, India
- Strong foundation in data science fundamentals, including data structures, algorithms, and object-oriented programming.
- Practical exposure to AI, machine learning, data science, and Deep Learning.

Higher Secondary Education (Science Stream)   **March 2019 – March 2021**
India International School – Sharjah, UAE

PROFILES

GitHub:https://github.com/mohammedmanalodi