

MANISH KUMAR YADAV

Data Scientist | Data Analyst

+91-7093764519 @ manishky1412@gmail.com
www.linkedin.com/manishk002 https://github.com/manishk002
India, Hyderabad

SUMMARY

Dedicated Computer Science engineer with hands-on experience applying machine learning and deep learning techniques to solve real-world problems. Passionate about artificial intelligence and developing innovative solutions using technologies like computer vision, natural language processing and data analytics.

PROJECTS

Implementation of RAG using 'Phi-02' model for Medical Chatbot 12/2023

This involves an intricate integration of retrieval and generation methodologies, leveraging the 'Phi-02' model's capabilities in the medical domain to enhance the accuracy and relevance of responses provided by the chatbot.

- Implementing RAG for generating accurate answers by 'Assistant' based on the user's questions based on medical domain .

Multi Language Invoice Extractor 11/2023

Developed a Multi-Language Invoice Extractor using Google's Gemini Pro Free LLM Model, leveraging technologies like Streamlit, PyPDF2, and ChromaDB.

- Expertly integrated langchain and faiss-cpu for efficient information processing, showcasing proficiency in diverse tools.

Drivers Drowsiness Detection using Deep Learning and OpenCV 06/2023

Developed a drowsiness detection system for drivers using CNN and OpenCV

- Integrated audio and visual alarms to alert drivers upon detection of drowsiness

EDUCATION

Bachelor's Degree in Computer Science And Engineering- AI&ML 2020 - Present

CMR College Of Engineering And Technology India
CGPA | 10 / 7.85

Higher Secondary Education (CBSE) 2018 - 2020

KENDRIYA VIDYAALAYA PICKET India
Percentage | 100 / 83

Secondary School Certificate (CBSE) 2018

CRPF PUBLIC SCHOOL India
Percentage | 100 / 72.3

EXPERIENCE

AI & ML Executive Intern 03/2024 - 05/2024

BlackBucks

- As an AI-ML Executive at BlackBucks, I support 40+ students with their AIML projects, guiding them through challenges and ensuring their understanding of concepts like Classification, Regression, NLP, Exploratory Data Analysis and Data Visualization, Time Series Analysis and Predictive Analysis.

Data Science and Business Analytics Intern 10/2023 - 11/2023

The Sparks Foundation

- Successfully completed the Graduate Rotational Internship Program, where I worked on a project on Stock Market Prediction using Numerical and Textual Analysis.



TECH STACK

Python · Java · C · Scala · R · Hadoop ·
LLM · Generative AI · MySQL ·
Prompt Engineering

HDFS · HBase · MapReduce · YARN

Pandas · SkLearn · OpenCV · NLP · Spacy ·
NLTK · Plotly · Matplotlib · Numpy · Keras ·
scikit-learn · Tensorflow · seaborn · OpenAI

Tableau · Power BI · Excel · Powerpoint

CERTIFICATION

Data Science and AI Program

Worked on 70+ Projects and Assignment
750+ Hours of Coding as part of the SURGE
Classes

GRIP

Data Science and Business Analytics Intern
at The Sparks Foundation

Data Analytics (ICT Academy)

Successfully completed the course on Data
Analytics under the Atos Prayas
Foundation, Youth Skilling & Employability
Initiative

PUBLICATIONS

MNIST Handwritten Input Database Classification Using Deep Learning

IJCRT
Manish Kumar Yadav
04/2024
https://www.ijcrt.org/papers/IJCRT240449
4.pdf

TECHNICAL SEMINAR

Large Language Model

AI in Healthcare with Nano
Computing Tech

STRENGTHS

- AI enthusiast
Interested in AI & ML, and data science
and like to keep up with recent trends
- Problem Solving
Effective in finding data-driven
solutions