



DHARUNRAJ P

Student

ABOUT ME

Passionate Data Analyst and Full Stack developer proficient in MERN Stack, with strong problem-solving skills. Excited to apply expertise in React, Node.js, Python, and more to real-world projects. Dedicated to continuous learning and innovation in data analysis and software development.

PROJECTS

Sep 2022- Nov 2022

Music Library Management System

Developed a Music Management System using Python Tkinter and Used Mysql as backend offering a user-friendly interface to manage musics

Jul 2023- Oct 2023

Prison Analytics System-MERN STACK

Developed a Prison Analysis using React.js and Node.js as frontend and used Mongo DB as backend .Creating a well designed website for analysing the prison details

Aug 2023- Sep 2023

Chatbot for Mining Rules In India- SMART INDIA HACKATHON

Developed a chatbot using OpenAI Embeddings to convert rules and store in vector database and Used Langchain to Query it using Python .Streamlit is used for frontend

Jan 2024- Present

AI-Sports Highlights Generator

Developed a Automatic Highlights generator from a Cricket match and developing a website with many highlights. Whisper AI and GPT-4

Jan 2024-Present

Music Recommendation Web Application

Developed a Recommendation Model for music using CNN (tensorflow) and React.js ,Node.js is used as frontend for web application and python flask is used to call api from python to react.js

Jul 2023- Oct 2023

Optical Character Recognition using Pytesseract

Implemented a OCR for reading the text in the image by using pytesseract and analysing the sentiment from the given image. (Pytesseract OCR is already pretrained model)

Sep 2022 - Dec 2022

AI-Based TIC TAC TOE Game using C

Developed a intelligent AI which automatically picks a good move based on user move .(Min Max algorithm is used for AI - Moves)

Jan 2023-April 2023

Topic Modelling

Developed a Topic Finding Model using BERT(pre-trained) in Python used 20 news group dataset and the BERT gives Good Accuracy

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EDUCATION

B.Tech-Artificial Intelligence and Data Science

Mepco Schlenk Engineering College
2021 - Present
(8.36 CGPA)

HSC

The TVS School
2021 (93.5 %)

SSLC

Tagore Vidyalayam
2019 (90.9 %)

CERTIFICATIONS

Diploma In Computer Applications
Programming In Java -NPTEL
The Joy of Computing Using
Python -NPTEL
Cyber Security And Privacy -NPTEL

FAMILIAR WITH

MERN STACK
React,Node.Js
Mongo DB,Neo4J
C/C++
Python
MySQL,Oracle,PostGre
DL,ML