Athul Jestin

Python developer

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PROJECTS

Car parking space detection:

Image processing, Python

This project demonstrates a simple car parking space detection system using OpenCV and cvzone.
GitHub

- Models used: Image processing
- Language: Python
- ML libraries: Opencv, cvzone, numpy, pickle

Salary Predictor:

ML, Python

Machine learning web application in Python with Streamlit using linear regression that predicts salary.
GitHub

- Models used: Linear regression, DecisionTreeRegressor, RandomForestRegressor
- Language: Python
- Running application: Streamlit
- ML libraries: Scikit-Learn, pandas, matplotlib, numpy, pickle

Word-up-master (College mini-project):

NLP, Python

A Flash Card App for Learning Languages Using Machine Translation
GitHub

- Models used: Text-to-speech(TTS), Google Cloud's Text-to-Speech API
- Language: Python
- Running application: Tkinter for GUI
- ML libraries: Google Cloud Text-to-Speech, Pandas, Tkinter, Customtkinter, Json

Titanic Survival Predictor:

ML, Python

Machine learning web application in Python with Streamlit using linear regression.
GitHub

- Languages: Python
- Model used: Logistic Regression
- Running application: Streamlit

Hash (College main project):

Javascript, CSS frameworks, BcryptJS, MogooseJS

A cloud-based medical video assistant with an AI chatbot.
GitHub

- Ensures the platform's security, protecting user data and preventing unauthorized access.
- Handles the streaming of videos to users and manages both client and server sides, providing a seamless playback experience.
- Deployed efficient storage solutions and an OpenAI chatbot for user experience.

EXPERIENCE

Computer Engineering Student Association (CESA)   2024
Chairman   JEC Thrissur

Hackathena '24, 2-day National-level Hackathon   2024
General Convener   JEC Thrissur

Computer Engineering Student Association (CESA)   2023
Executive member   JEC Thrissur

Hackathena '23, 2-day National-level Hackathon   2023
Co-lead of Volunteering team   JEC Thrissur

Tinkerhub Foundation   2021
Outreach lead   Eranamkulam, Kerala

Oak Street Event Company   2019
Founder & CEO   Thrissur, Kerala

EDUCATION

Data Science & Machine Learning Course   *Pursuing*
Excelr Solutions, BTM Layout, Bangalore

BTech in Computer Science & Engineering   *2024*
Jyothi Engineering College, Cheruthuruthi, Thrissur

TECHNICAL SKILLS

- Languages: Python, SQL (My SQL), C, C++, Java, HTML/CSS
- ML libraries: Scikit-Learn, OpenCV, Cvzone, Numpy, Plotly, Pandas, Tensorflow, PyTourch, Pickle, Google Cloud Text-to-Speech, Tkinter.
- Web development: Node.js, Express.js

CERTIFICATES

- Introduction to MongoDB
- Programming for everyone (Python)
- HackS'Us Hackathon
- ARAMBH-2K22 Hackathon
- CESA - 2022-23
- HackAthena'23 Hackathon
- CESA - 2023-24
- HackAthena'24 Hackathon

DECLERATION

I do hereby declare that the above-mentioned information is correct up to my knowledge, and I bear the responsibility for the correctness of the abovementioned particulars.

ATHUL JESTIN