KUSHAJ ARORA

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SUMMARY

I'm an analytical and curious second year sophomore at Vellore Institute of Technology. I'm currently focused on cyber security and machine learning but I'm always up for learning new things and challenging myself. In addition I am persistent and easy-going with a sense of humour.

EDUCATION

B.Tech in Computer Science with spl. in Information Security, Vellore Institute University April 2024
GPA: 8.57

SKILLS

Programming	Python, HTML, CSS, Javascript, C++, MySql
Frameworks	React, Node.js, Express, Django, Bootstrap
Technologies	GIT, Matplotplib, Numpy, After Effects
Soft Skills	Time Management, Teamwork, Communication, Problem Solving, Leadership, Accountability
Languages	Native: Hindi Fluent: English

PROJECTS

Secure Data Encryption Python MySql, Jupyter Notebook GitHub

- Created a secure data transaction system.
- PIN was secured using RSA and IDEA algorithm.
- Personal data with encrypted PIN was stored MySql database using SqLite library.

Car Resale Value Predictor Python flask cardekho.comdataset GitHub

- Created a car resale price prediction using Linear regression.
- Accuracy was increased by using XGBoost by hyperparameter tuning.
- Hyperparameter tuning increased the accuracy from 87% to 92%.

Face-Recognition Python Tensorflow GitHub

- Face recognition using haarcascade-frontalface dataset.
- Used CV2 library.

Ball Game JavaScript GitHub

- Ball game is a fun activity to cure depression.
- Exciting among kids to learn new colours.

Food Recipe Recommendation System Python

- Working in a group of 3 on Food Recipe Recommendation System.
- Using CNN to suggest the healthy recipes based on ingredients from user.

EXTRA-CURRICULAR ACTIVITIES

- Working as Vice-Chairperson at IET-VIT(Jan 2022-present).
- Voluntary services at EARTH SAVIOURS FOUNDATION,GURUGRAM.
- Several other non-profit social student activities. October 2019-March 2020