

KUSHAJ ARORA

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EDUCATION

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

Higher Secondary Education, D.A.V. Public School, Gurgaon 2020
Percentage: 94

SKILLS

Programming	Python, HTML, CSS, Javascript, C++, MySql
Frameworks	React, Node.js, Express, Django, Bootstrap
Technologies	GIT, Matplotlib, Numpy, After Effects, Premier Pro, Figma
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.

FlashCard Web Application HTML, CSS, Javascript, MySql, PHP

- Worked in a group of 2 to make a flashcard application with parent and student specific login.
- Parent can set up questions and answers those will be saved in database.
- Authenticated student to answer those questions.

EXTRA-CURRICULAR ACTIVITIES

- Vice-Chairperson at IET-VIT. Committed to sharing and spreading STEM knowledge among a community of 100+ students.(Jan 2022-present).
- Voluntary services at EARTH SAVIOURS FOUNDATION,GURUGRAM.
- Several other non-profit social student activities.