

# KUSHAJ ARORA

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## SUMMARY

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An analytical and curious second-year sophomore at Vellore Institute of Technology currently focused on cyber security and machine learning but always up for learning new things and challenges. In addition, being persistent and easy-going with a sense of humour.

## EDUCATION

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

## SKILLS

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

## PROJECTS

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**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

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- 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