

## Profile

**Summary:** An independent and self-motivated student with proven ability and experienced in developing web application using full stack and Data Science projects with DS and Algo. I have also participated in various competitions of competitive programming. Recognized by professors, colleagues, and peers as a personable, dedicated performer who demonstrates innovation, communication, and teamwork to ensure quality, timely project completion.

## Education

COURSE	YEAR OF PASSING	INSTITUTIONS	PERCENTAGE
B-Tech (Mechanical Engineering)	2017-present	Vellore Institute of Technology, Chennai	7.72(CGPA)
Class XII (CBSE)	2016	THE SD Vidya School, Ambala Cantt, India	74%
Class X (CBSE)	2014	THE SD Vidya School, Ambala Cantt, India	9.4/10 (CGPA)

## Employment Scan

- DATA SCIENCE INTERN AT **TRAVASKO**
  - Developed a Digital Content Moderation Model for an application which included scraping NSFW data, structuring and cleaning & model deployment on AWS server
  - Also, worked in tandem with other members on the Text Moderation Model
- Summer Internship (2019) at **ASHOK LEYLAND HOSUR PLANT-1**
  - Contributed to hands on experimental work on prototype components and assemblies
  - Performed routine engineering assignments involving established calculations, tests and analysis
  - Supported manufacturing and operations functions with engineering analysis, troubleshooting, problem identification, problem resolution activities

## Projects

- Image Moderation using TensorFlow And OpenCV with deployment on HEROKU using Flask.
- Air Quality Index Prediction
- Object Detection using OpenCV and YOLO - Python, Machine Learning
- Face Recognition using Database -Python, Machine Learning
- House price prediction deployment on HEROKU
- Movie Recommendation System

## GitHub Link

<https://github.com/Vasu081098>

## Extracurricular activity

### **Design Head at Shaurya Racing, VIT:**

- Led the design team to build a student formula car, Day to day activities involved Designing different products and frame of a vehicle and analyse the products by generating mesh and applying constraints

## Technical and Other skills

- Programming skills: Python, R
- Cloud platform: AWS, HEROKU, GCP
- Platforms and Misc.: Anaconda, Jupyter Notebook, TensorFlow, AWS Sage Maker
- Possess the quality of a good story teller
- Software: Solid works, Abaqus, Hyper works, Ansys
- Other Skills: Proficient Leadership and Communication skills, Team Player, Dedicated and Diligent worker

## Strength

**Positive Attitude:** To progress positively under all circumstances with conviction and maturity in approach.

**Adaptability & Flexibility:** To adapt accordingly under the application of adverse or pressure conditions without deviating from critical to quality concerns.

**Enthusiasm for Learning:** Endlessly strives to learn through different activities.

## Personal Details

- Date of Birth- 8<sup>th</sup> October, 1998
- Hobbies- Cooking