

# Varun S

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## EDUCATION

### PSG College Of Technology

*Integrated MSc in Data Science*

**Relevant Courses:** Machine Learning, Optimization Techniques, Applied Statistics

**India**

*Aug 2020-Aug 2025*

CGPA: 8.34

## SKILLS & HOBBIES

**Languages:** Python, C/C++, SQL, HTML

**Machine Learning:** Regression, Decision Tree, Random Forest, Boosted Trees, SVM, KNN, Clustering, Recommender Systems, PCA.

**Technologies:** Sklearn, Flask, Pytorch, Streamlit, AWS Sagemaker, GIT, Docker, MLflow

**Tools:** Excel, Tableau, MySQL

## WORK EXPERIENCE

### QodeIT

*Artificial Intelligence Intern*

**Remote**

*Nov 2022-Present*

- Assisted the team in developing the model to detect malware in API Calls using **LSTM**. It achieved an overall accuracy of 83%.
- Developing an Application Tracking System from Scratch using **Natural Language Processing** Techniques.

### Skyserve.ai

*Application Development Intern*

**Remote**

*Oct 2021-Feb 2022*

- Spearheaded the implementation of **research papers** in the areas of Geo-referencing in C++.
- Helped the team in testing and documenting the API using **Postman** and **Swagger**.
- Assisted the team in computer vision based tasks like clipping areas of interest etc.

## PROJECTS

### [HR-Assist](#)

**Tech Stack:** Python, Streamlit, Regex, NLTK, Spacy

- A Streamlit based Web Application to assist HR by **ranking** the resumes applied for a given Job Description.
- Used **Similarity Measures** like Cosine Similarity, Jaccard Similarity, Sorensen's Similarity of resume and job description.
- Implemented **Decile Analysis** using Logistic Regression along with various other parameters like experience, Similarity Scoring, Clustering techniques for labeling.

### [Revise.ai](#)

**Tech Stack:** Python, Streamlit, NLTK, T5, PyAudio

- A Streamlit based Web Application to generate summary and questions of **online lectures**.
- Converted the recording of online lecture into Text using PyAudio and used pre-trained T5 Transformer to generate a **summary** of the text.
- Also, Used a pre-trained T5 Transformer to **generate Questions** like MCQ type based on converted text.

## EXTRACURRICULAR ACTIVITIES & ACHIEVEMENTS

- Winner** in Web-a-thon 2021 organized By GUVI, Chennai, India.
- GeeksforGeeks **Campus Rank 92** in Data Structures and Algorithms Problem Solving.
- Among **Top 5** teams out of 40 Teams in Intra College Hackathon Ideation 2021.
- Placement Representative** of 2020-2025 MSc Data Science batch at PSG College Of Technology.