

# PRATHAM AGRAWAL

Indore, India

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## EDUCATION

**Vellore Institute of Technology, Vellore**

**09 2020 – 06 2024**

*Computer Science with specialization in Data Science - CGPA - 9.30*

*Vellore, India*

## COURSEWORK / SKILLS

- Machine Learning
- Data Science
- Data Analysis
- Data Visualization
- Data Structures & Algorithms
- Artificial Intelligence
- Deep Learning & NLP
- Problem Solving

## TECHNICAL SKILLS

**Languages:** Python, Java, C/C++, HTML, CSS, R, NodeJS, Npm, ReactJs, SQL, JavaScript

**Framework & Databases:** Flask, PyTorch, OpenCV, PIL, Keras, Tensorflow, MySQL, Git, GitHub

## INTERNSHIPS

**Hacklabs Solutions PVT. LTD.**

**07 2022 - Present**

*Artificial Intelligence (AI/ML) Intern*

*Remote, India*

- Utilised AI/ML concepts to increase the accuracy for SAFFR and TRAKR products.
- Developed service level pipelines for projects to monitor different ML models.

## PROJECTS

**Olympics Dataset 2020 Tokyo Dataset** [↗](#) | Python, R, Tableau, Dash

**04 2022**

- Constructed a dataset comprising 2.7 lakh rows information of about Athletes who participated in the Olympics.
- Developed a web application to illustrate the trends and outliers for 124 years of Olympics History using Python, Dash and Plotly.

**Sportlight** [↗](#) | Python, NLP, NLTK, JavaScript, CSS

**04 2022**

- Provided a solution for highlights extraction for sport games using Machine learning and APIs, thereby reducing the time of watching a match by 90 %.
- Formulated the NLTK model using wordnet, and NLP which tested out to be 93% accurate

**Kaggle: Projects and Datasets** [↗](#) | Python

**08 2021**

- Presented a Notebook with more than 5 Binary classifier each testing for more than 85% accuracy and the highest been 95% for Heart disease prediction.
- Extracted and constructed Data of IPL batting and bowling figures from 2008 to 2021 year-wise for better analysis and understanding.

## EXTRACURRICULAR

**The Institution of Engineering and Technology** [↗](#)

**01 2022 – 01 2023**

*Chairperson*

*Vellore, India*

- Established a link between Administration and Chapter to host Technical events which benefited the chapter with 25% net profit.
- Analysed and cultivated the progress of 200+ people in technical and management domains towards achieving outlined objectives.

**LittleLove** [↗](#)

**05 2018 – Present**

*Human Resources Director*

*Indore, India*

- Facilitated 80+ people to provide education to underprivileged children, and animals basic amenities.
- Conducted Conference which yielded 25 percent profit.

## PUBLICATION

- Utilization of Computational Approaches for Prediction of Cardiovascular Ailments from API Feed [↗](#)
- Artificial Intelligence at the Healthcare; The Past, present and the Future. 2020 [↗](#)