

# IRAGAMREDDY VISWASREDDY

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**Hacker Rank:** [hackerrank.com/profile/iviswasreddy](https://hackerrank.com/profile/iviswasreddy)

Dedicate and motivated student. Proven ability to manage coursework, collaborate in teamwork, and communicate ideas clearly.

## EDUCATION

### Dayananda Sagar Academy of Technology & Management

| 2020 – 2024

B.E. | Computer Science & Engineering (VTU)

### Bhavan's Sri Aurobindo Junior College

| 2018 – 2020

### St. Peter's Model School

| 2018

10th

## PROJECTS

### Organ Donation Management (2022):

Technology used: Web base platform, HTML, PHP, MYSQL.

Description: The main aim of this project is to group all the information of the organs that are available (by using MYSQL) and to make use of them when needed.

### Expense Tracker (2023):

Technology used: XML, Java.

Description: This is an intuitive user-friendly android application designed to help individuals effectively manage their expenses on the go.

### Machine Learning Algorithms for predicting the Risks of Chronic Diseases (2023):

Technology Used: Python, ML.

Description: Utilizing machine learning algorithms, this study employs predictive models to assess chronic disease risks, employing features like SVM, decision trees, and logistic regression for accurate prognosis and intervention strategies.

### Machine Learning Model for Speech Sentiment Analysis (2024):

Technology Used: Python, NLP, ML.

Description: A Machine Learning Model for Speech Sentiment Analysis uses Python, NLP, and ML to classify seven emotions from speech, extracting features and visualizing results in a graph for clear emotion detection.

## CERTIFICATIONS

### Python Automation

Google | Coursera | 2022

### Performance analysis with machine learning

VOIS | 2022

### Python Basics

Wesleyan University | 2021

### Essentials of AI and Cloud

IBM Skill Build | 2022

## PROGRAMMING LANGUAGES

Python, Java, JavaScript, HTML, CSS, MySQL.

## TECHNICAL SKILLS

### Machine Learning:

Supervised & Unsupervised learning, Regression, Classification.

### Natural Language Processing (NLP):

Text Classification, Sentiment Analysis, Named Entity Recognition, Language Generation.

### Tools & Libraries:

Jupyter Notebook, Git, Pandas, NumPy.

## SOFT SKILLS

- o Communication
- o Leadership
- o Management
- o Problem Solving

## WORKSHOPS / TRAININGS

- o Technical Talk on Web3 and its future.
- o Hands-On Workshop on Web Development.
- o Technical Talk on Machine Learning.
- o Technical talk on mobile application development
- o Basics of machine learning

## INTERNSHIPS

### Machine Learning Intern at

### VARCONS TECHNOLOGY PVT LTD.:

Industry level knowledge on the applications of various algorithms like Logistic Regression, SVM, and Decision Trees in prediction of risks involved in chronic diseases.

## MY INTERESTS

Debating, Sports, Working Out, Podcasts.

## LANGUAGES

English, Telugu, Hindi, Kannada.