

HARISH RAJ B

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EDUCATION

B.Tech in Information Technology 2021-25

St.Joseph's Institute of Technology - Chennai

CGPA: 8.43/10.00

HSC, Class XII 2020-21

Kendriya Vidyalaya IIT Campus - Chennai

Percentage: 88.6, CBSE



SKILLS

Programming Languages:

Python, Java, C, R

Problem Solving:

300+ Problems in [Leetcode](#), 1600+ Programs in [Skillrack](#)

Data Analysis and Visualization:

Excel, Power BI, Matplotlib, Seaborn

Machine learning frameworks:

TensorFlow, Keras, Scikit-learn, OpenCV

Database Systems and Web Development:

SQL, HTML, CSS, JavaScript

Web Application Framework:

Streamlit

Version Control:

GitHub



CERTIFICATION

- **Python for Data Science**
[Infosys Springboard](#) May-2023
- **Machine Learning**
[Kaggle](#) Mar-2023
- **Building and Deploying Deep Learning**
[LinkedIn](#) Mar-2023
- **Data Analysis and Visualization**
[Udemy](#) Feb-2023
- **Java Training**
[IIT Bombay](#) Jan-2023
- **Machine Learning with Python**
[LinkedIn](#) Oct-2022
- **Python Object Oriented Programming**
[LinkedIn](#) Sept-2022
- **R Programming**
[Infosys Springboard](#) Sept-2022
- **GitHub for DataScientist**
[LinkedIn](#) Jan-2022
- **Data Scientist's Toolbox**
[Coursera](#) Jan-2022



AWARDS

- **Code Debugging, Runner** Jan 24, 2024
SIMATS Engineering College
- **Hybrid Hack, Finalist** Oct 22, 2022
SRM University



PROJECTS

IPL Powerplay Score Prediction

- Predicting the score during the powerplay phase of an IPL using Adaboost Regressor. MAE Value: 6.03
- Selected in Top 10 model in the IIT Madras "Guess the Score" category.
- Deployed and hosted with Streamlit Cloud. [Link](#)

Python Adaboost Streamlit Cloud Data Analytics
Cloud Deployment

Face Recognition System

- Real-time Face Recognition System.
- Employed OpenCV for face detection and recognition, integrated with SQLite for data storage.
- Enables user enrollment, training, and subsequent identification, displaying associated names and ages in real-time video streams.

Python SQLite OpenCV Numpy Face Recognizer
PIL(Python Imaging Library)

Sentiment Analysis of Amazon Reviews

- The project aims to assist in understanding Customer Sentiment towards products on Amazon.
- Methods Used: VADER and Roberta Pretrained Model.

Sentiment Analysis VADER Roberta Transfer Learning
NLP TensorFlow

Spam Classification

- Classification of Spam and Ham messages.
- Model:BERT (Bidirectional Encoder Representations from Transformers) ; Accuracy:92%
- Deployed and hosted with Streamlit Cloud. [Link](#)

Text Classification Deep Learning BERT Streamlit
Cloud Deployment



EXPERIENCE

Precision Infomatic Pvt. Ltd, Chennai

May,2023 - June, 2023

- Assisted in Technical Research Centre (TRC) and ServiceDesk.
- Analyzed Biometric Devices and their features.
- Worked in Repair and Testing of devices.



LEADERSHIP INITIATIVES

Team Leadership - HOPE:Led the team and promoting skill development among members in HOPE(House Of Programming Expertise).

Coding Workshop Facilitation:Conducted workshops for junior students to enhance their programming skills.

Event Organization:Organized SheCanCode Hackathon and facilitated AWS conference.