

Harsh Vardhan Singh

[Github](#) | [LinkedIn](#)

Email : hvs1065@gmail.com

Mobile: (+91) 7080811065

EDUCATION

Pranveer Singh Institute of Technology (2021-2025)

Bachelor of Technology – Computer Science (CGPA: 6.5)

Kanpur, Uttar Pradesh, India

(2021 - 2025)

Heliger Borden Education Centre

ICSE Class 10th & 12th (10th Percentage: 80.5 , 12th Percentage: 76.5)

Kanpur, Uttar Pradesh, India

(2019 – 2021)

PROJECTS

React Blog Platform with Appwrite Database ([Github](#)) (HTML/CSS ,React.js)

- Developed a fully responsive blog platform enabling 50+ users to perform CRUD (Create, Read, Update, Delete) operations on blog posts using React for the frontend and Appwrite as the backend.
- Implemented **email-password authentication** via Appwrite, ensuring **secure user sign-ups and logins** with **99.9% uptime**.
- Utilized Appwrite's **database services** to manage **1,000+ blog posts**, storing essential details like **titles, images, and timestamps** efficiently.
- Utilized React Router for **seamless navigation** across **5+ dynamic views** and **implemented Redux Toolkit** for **efficient state management**, improving **data retrieval speed by 40%** and ensuring a **responsive, user-friendly interface**.

SONAR Rock vs Mine Prediction ([Github](#)) (Numpy , Pandas , Scikit-learn)

- Developed a machine learning model using **Logistic Regression** to classify 208 sonar signals as either rocks or mines, improving underwater object detection.
- Preprocessed **60 features per signal** using **Pandas and NumPy**, ensuring **100% data integrity** by handling missing values and normalizing input data for better model performance.
- Trained and tested the model using scikit-learn on a dataset split into 70% training (145 samples) and 30% testing (63 samples) for robust evaluation.
- Achieved an **accuracy of 83%** on the **training set** and **73%** on the **test set**, demonstrating reliable classification performance.

SKILLS

Languages: Python , C,C++, JavaScript , HTML/CSS , SQL

Subjects: OOPS , DBMS , Computer Networks , DSA , Data Science (Modelling & Analysis)

Frameworks & Lib: React.js, Numpy , Pandas

Development Tools: Git/Github , VS Code , MS Excel ,Tableau

CERTIFICATIONS

- **Deloitte (Data Analytics Job Simulation) - Forage** 
- **React.js - Udemy** 
- **Basic Problem Solving – Hackerrank** 
- **CSS & Javascript - Udemy** 
- **Basic Python – Hackerrank** 

ACHIEVEMENTS

- **Competitive Coding Handles:** Solved 300+ questions in various coding platforms such as [Leetcode](#) , [Hackerrank](#).
- 4 Stars in Python , C, Problem solving in Hackerrank.
- Zone level **Kabaddi player**, demonstrating **leadership** and **teamwork**, strategic thinking in competitive sports.