

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 (10 th Percentage: 80.5 , 12 th 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 & Javacript - Udemy** [↗](#)
- Basic Python – Hackerrank** [↗](#)

ACHIEVEMENTS

- Competitive Coding Handles:** Solved 300+ questions in various coding platformsuch 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.