

HIMANSHU KUMAR

ARA, BIHAR

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PROFILE

- Enthusiastic Computer Science undergraduate skilled in **software development**, **machine learning**, and **NLP**. Seeking opportunities to apply technical knowledge in real-world projects.

EDUCATION

Indian Institute of Information Technology, Kalyani
B.Tech, Computer Science and Engineering – CGPA: 7.32

2022 – 2026

Kalyani, West Bengal

Narayana Junior College
CBSE – MPC – Percentage: 91.21%

2020 – 2022

Vizag, Andhra Pradesh

COURSEWORK & SKILLS

- Data Structures & Algorithms
- Operating Systems
- Network Security
- DBMS
- Artificial Intelligence
- OOPS
- Web Development

PROJECTS

Bank Management System

GitHub

- Built a desktop banking system for managing customers, accounts, transactions, and employees using GUI.
- Technologies:** Python, Tkinter, MySQL, SQL Connector, Tkcalendar

Rule-based Sanskrit Sandhi Splitter

GitHub

- Designed a rule-based NLP tool to split compound Sanskrit words using classical Sandhi rules.
- Technologies:** Python, NLTK, Recursive Algorithms, Custom Sandhi Dictionary

ML-based Sanskrit Sandhi Splitter

GitHub

- Built a deep learning model to predict Sandhi splits using sequence tagging.
- Technologies:** Python, TensorFlow, BiLSTM, Attention Mechanism, Keras, Pandas, NumPy

CERTIFICATIONS

HackerRank

Feb 2024

Python (Basic) Certificate

[View Certificate](#)

HackerRank

May 2025

SQL (Intermediate) Certificate

[View Certificate](#)

TECHNICAL SKILLS

- Languages:** Python, Java, C, C++, JavaScript, SQL
- Developer Tools:** VS Code, GitHub, Cisco Packet Tracer
- Technologies:** Linux, ReactJS, NodeJS, ExpressJS, Git, MongoDB, MySQL

COMPETITIVE PROGRAMMING & CODING PLATFORMS

- HackerRank: Solved **300+** problems in Python, Data Structures, Algorithms, SQL.
- LeetCode: Solved **150+** problems in Arrays, Graphs, DP, Trees, and more.

EXTRACURRICULAR & INTERESTS

Cultural and Sports Activities

Sep 2023 – Aug 2026

- Hosted Ganpati Puja celebrations for four consecutive years during B.Tech.
- Represented IIIT in inter-IIIT cricket tournaments as part of the official cricket team.
- Enjoy exploring new experiences and learning from different walks of life.
- Creative writing enthusiast with a passion for Shayari and poetry.