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   **2022 − 2026**
*B.Tech, Computer Science and Engineering – **CGPA: 7.32***   *Kalyani, West Bengal*

Narayana Junior College   **2020 − 2022**
*CBSE – MPC – **Percentage: 91.21%***   *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

Personal Portfolio Website   **GitHub**
- Designed a responsive portfolio website using React and Tailwind CSS to showcase projects, skills, and certifications.
- Implemented dark theme, animation with Framer Motion, and deployed via Vite for fast performance.
- **Technologies:** React, Tailwind CSS, TypeScript, Framer Motion, Vite

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

- 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.
- Creative writing enthusiast with a passion for Shayari and poetry.
- Enjoy exploring new experiences and learning from different walks of life.