HIMANSHU SINGH

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CARRER OBJECTIVE

Final year Computer Science Engineering student specializing in Data Analysis, Machine Learning, and Business Insights. Skilled in Python, SQL, Excel, and data visualization tools with experience in processing, analyzing, and interpreting real-world datasets.

EDUCATION

B.Tech in Computer Science Engineering, GIET University, Gunupur (7.5CGPA)
Intermediate(Science), Saraswati Vidya Mandir, (7.16 CGPA) May 2022
Matriculation(Science), Saraswati Vidya Mandir, (7.0 CGPA) May 2020

Work Experience

- **Data Engineering & ML Intern – VanurTech Pvt. Ltd.**   May 2025 - Jul 2025

Intern | Bhuvneshwar (Odisha)

Developed and integrated OCR (Optical Character Recognition) and Natural Language Processing (NLP) models within SwasthaAI, a multilingual AI healthcare assistant that authenticates medicines, performs symptom-based diagnosis, and interacts with users in regional languages to enhance rural healthcare accessibility.

- **Data Science & Analytics Intern – Bokaro Steel City**   May 2024 - Jun 2024

Intern | Bokaro (Jharkhand)

Developed an Electric Meter Reading System using Flask and Machine Learning to automate image-based meter reading, reducing manual data entry errors and improving collection efficiency by 40%.

PROJECTS

- **Smart Agritech**   Sep 2024 - Nov 2024

ML driven agriculture platform delivering 90% precision in crop forecasting, yield optimization, and a direct farmer to consumer marketplace, integrated with real-time SMS/WhatsApp notification systems - https://youtu.be/xJYILt8-XBo.

- **AthleteEdge AI**   Mar 2025 - Apr 2025

AI powered platform for athletic performance intelligence leveraging OpenCV, YOLO, and MediaPipe for injury risk analytics, training optimization, and predictive match outcome modeling.

- **Student Exam Repository**   Jun 2024 - Sep 2024

Full Stack based academic archive platform providing streamlined access to historical university exam papers, systematically categorized by course, semester, and examination type, serving over 1000 students and accessible at giet.onrender.com.

SKILLS

Technical Skills: Python (Pandas, NumPy, Scikit-learn), Data Analysis, Data Visualization (Power BI, Matplotlib), Data Cleaning, SQL, Excel
Soft Skills: Communication, Leadership, Time Management, Teamwork, Adaptability

CERTIFICATION

• Generative AI – LinkedIn Learning

• Data Science – EdiGlobe

• Cloud Computing – NPTEL (IIT Kharagpur)

• Human-Computer Interaction – NPTEL (IIIT Delhi)

• Problem Solving Python (Basic) – HackerRank

ACHIEVEMENTS

- 1st Place – Start up Fair, GIETU TechFest 2025
  Presented an innovative and impact-driven tech solution, earning top recognition among 50+ projects.
- 3rd Place – Hacknovation 1.0, GIET University (2025)
  Developed SwasthaAI, an AI-driven multilingual healthcare platform recognized for innovation and social impact.
- 2nd Runner Up – AI Hackathon 2025
  Built an AI-integrated problem-solving prototype aligned with India's "Vishwa Guru" vision for technological advancement.
- 2nd Runner Up – Smart India Hackathon (Internal) 2024
  Conceptualized and presented a scalable software solution under high-pressure competitive conditions.
- Selected – MSME Idea Hackathon 5.0 (2025)
  Chosen for the innovative project "Cobot Threat Detection and Prevention Toolkit" representing GIET University.
- 1st Prize – Tug of War, GIETU Fest 2024
  Demonstrated leadership, resilience, and teamwork in an inter-departmental sports event.