NISU BHARTI

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OBJECTIVE

Results-oriented Artificial Intelligence student with strong experience in **machine learning**, **data analysis**, and **predictive modeling** using Python and ML frameworks. Seeking an opportunity at Deloitte to apply **problem-solving skills**, **analytical thinking**, and **data-driven approaches** to deliver **scalable** and **high-impact AI solutions**.

SKILLS

Technical Skills:
Languages: Java (DSA), Python
Technologies: Machine Learning
Developer Tools: Git, GitHub, VS Code, IntelliJ IDEA

Behavioral Skills: Problem Solving, Analytical Thinking, Team Collaboration, Communication, Adaptability

EDUCATION

Rungta College of Engineering and Technology,Bhilai — **2022 − 2026**
Bachelor of Technology in Computer Science (Artificial Intelligence) *(CGPA: 7.7)* — Bhilai, Chhatisgarh

Government Women's Polytechnic,Bokaro — **2020 − 2023**
Diploma in Computer Science*(Percentage: 72.69%)* — Bokaro, Jharkhand

High School Khedadih — **2019**
Secondary Education *(Percentage: 89.60%)* — Bokaro,Jharkhand

EXPERIENCE

Research Experience – Disease Prediction Using Symptoms — *2025*

- Conducted research on disease prediction using patient-reported symptoms and machine learning techniques.
- Developed an AI-powered web-based system using Python and Flask for multiple disease prediction.
- Performed data preprocessing and model training to analyze symptom–disease relationships.
- Authored and presented a research paper at an international conference (Paper / Certificate Link).

PROJECTS

GenAI Multi-Modal Assistant *Python, Flask, OpenAI, Groq API* — *Jan 2026*

- Built a GenAI-powered assistant supporting **3 input modalities** (text, speech, image) with real-time AI responses.
- Implemented emotion-aware response adaptation to deliver **low-latency, real-time interactions**.
- Deployed live application accessible at Live Demo.

Menstrual Health Risk Prediction System — Python, Flask, Machine Learning, Random Forest — *Jan 2026*

- Developed an end-to-end machine learning web application to predict menstrual health risks such as PCOS and hormonal imbalance with **98.5% accuracy**.
- Implemented secure user authentication and real-time risk prediction with a strong focus on **medical safety and high-risk case prioritization**.

IdeaCraft AI — Python, Flask, Groq API, HTML/CSS, JavaScript, REST API, JSON

- Built a Flask-based web app that generates personalized project ideas based on domain, skill level, and technologies using Groq LLM API.
- Implemented export/download functionality to save AI-generated project ideas for offline use.

CERTIFICATIONS

Python (Basics) – HackerRank (Certificate) *2023*
Java (Basics) – HackerRank (Certificate) *2023*

OTHER LANGUAGES AND INTERESTS

Languages Known: English, Hindi
Interests: Machine Learning, Technology Research, Problem Solving, Continuous Learning