

# RAM BHAJAN SAHU

Ranchi, India

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## EDUCATION

### Lamrin Tech Skills University, Punjab

Bachelor of Technology (B.Tech) – Artificial Intelligence & Machine Learning

-CGPA -8.1%

08 2023– 06 2027

Ropar, India

### St. Xavier's College of Ranchi

Intermediate Science - PCM with Computer Science - Percentage - 88%

07 2020 – 04 2022

Ranchi, India

### St. Ignatius High School Gumla

Matriculation - Percentage - 88.2%

04 2017– 04 2020

Gumla, India

## PROJECTS

### Credit Card Fraud Detection System

Python, Random Forest, Scikit-Learn, FastAPI

- ML model for detecting fraudulent transactions on imbalanced data.
- Deployed real-time prediction API with Swagger UI.  
<https://github.com/Ram9608/Credit-Card-Fraud-Detection>

### AI Talent Matcher – Resume Screening Tool

Python, NLP, TF-IDF, Cosine Similarity

- Automated resume–job matching using NLP similarity techniques.
- Reduced manual screening effort by ~70%.  
<https://github.com/Ram9608/AI-Talent-Matcher>

### AI Job Recommendation System

Python, FastAPI, NLP

- Content-based job recommendation using TF-IDF similarity.
- REST APIs for real-time job matching.  
<https://github.com/Ram9608/Job-Recommendation-System>

### AI BOSS – Voice Enabled Desktop Assistant

Python, Speech Recognition, Automation

- Voice-controlled assistant for desktop task automation.
- Supports speech commands and system operations.  
<https://github.com/Ram9608/AI-BOSS-Desktop-Assistant>

## ACHIEVEMENTS /CERTIFICATIONS

- 1st Prize – Yuwa Kaushal Competition  
(Ciphertext Encoding Project)
- NCC 'A' Certificate Holder
- NSS Volunteer – Participated in social service and community development activities
- Java Full Course Certification – LearnVern
- C++ Programming Certification – Alpine Tech Info Ranch

## TECHNICAL SKILLS

**Programming Languages:** Python, C++,Java

**Core CS:** Data Structures (arrays, trees, hashing), OOP principles

**CS Fundamentals:** DBMS, Operating Systems (processes, memory),Computer Networks (HTTP/REST basics) **Generative AI:** LLM orchestration (LangChain, LangGraph), HuggingFace, document parsing (LlamaParse)

**AI / ML (Applied):** PyTorch, scikit-learn, NLP fundamentals, embeddings, RAG pipelines, LLM integration

**Developer Tools:** Git, GitHub, Docker, VS Code, Jupyter Notebook, Railway/Render (deployment), antigravity ide

