

# Sayan Biswas

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## EDUCATION

Institution	Qualification	Year	Performance
Meghnad Saha Institute of Technology	Master of Computer Application	2024 - Present	8.16 (2nd sem)
Dinabandhu Mahavidyalaya	Bachelor of Science	2021-2024	9.05
Ranghat Anchal High School	Higher Secondary	2021	87%
Ranghat Anchal High School	Secondary	2019	82%

## SKILLS

- Database : SQL
- Programming : C, JAVA, PYTHON, REACT
- Subjects of Interest : Database management system, Data structure
- Platform : VSCode, GitHub
- Office automation : MS Office

## TRAINING AND INTERNSHIP

Machine Learning Intern

February-March 2025

Built an AI-powered resume screening system using Python, NLP (spaCy), and machine learning, achieving efficient candidate ranking based on job description relevance.

Processed PDF resumes and applied TF-IDF with bigrams to extract and compare skills, reducing manual shortlisting time significantly.

Developed a Streamlit web app to visualize resume rankings and automate the screening process using cosine similarity and keyword-based weighted scoring.

## PROJECT

AI Resume Screening & Ranking System

[GitHub]

- Developed a machine learning-based application using Python, spaCy, and TF-IDF to rank resumes based on job description relevance, achieving up to 92% matching accuracy.
- Built and deployed a Streamlit web app that processes and compares resumes using cosine similarity and keyword scoring for automated screening.
- Optimized text preprocessing and vectorization, reducing analysis time by 25% while ensuring accurate candidate shortlisting across multiple PDF resumes.

## CERTIFICATIONS

- Edunet Foundation - AI: Transformative Learning with TechSaksham [Certificate](#)
- NPTEL - Problem Solving Through Programming In C- IITKGP [Certificate](#)
- IGCSM - Advanced Diploma in Computer Applications [Certificate](#)
- Participation in the comprehensive Headless Architecture Bootcamp using MERN stack [Certificate](#)

## HOBBIE

Watching football and cricket matches, following teams, analyzing gameplay, and enjoying discussions on strategies and performances.