RUPKATHA ROY

+91 9608449778   Local Address: Kaberi Para , Hooghly, WB,712103
roy.rupkatha@yahoo.com   Permanent Address: Mihijam , Jharkhand ,   815354

OBJECTIVE

A passionate software engineering student, majoring in computer science, with a strong interest in building creative solutions leveraging cutting-edge programming languages such as Java, Python, C, and C++. Keenly focused on Artificial Intelligence and Machine Learning. Expert in public speaking, hosting, and coordinating cultural and technical events, as well as relationship building. A fast learner, looking to apply my skills in collaborative environments for innovative and cross-functional projects.

EDUCATION

Hooghly Engineering & Technology College
Pursuing B. Tech in Computer Science and Engineering (Batch:2022 - 2026)
- Presently 3rd yr. (5th Sem.)
- SGPA: 8.64 (As in 2nd yr.)

St. Joseph's Convent Higher Secondary School
12th CBSE (pass out – 2022) - 88.0%
10th ICSE (pass out – 2020) - 91.5%

TECHNICAL SKILLS

C • C++ • JAVA • PYTHON • AI / Machine Learning • Basic Shell Scripting

PROJECTS

1)FAKE NEWS DETECTOR
Languages used: Python, Machine Learning, NLP
Description: Building a model to detect the fake news with classification algorithms and dataset integration.

2)CRYPTOGRAPHIC CHRONICLES
Languages used: C
Description: Implemented a data privacy (through encoding and decoding) using encryption and decryption cryptographic algorithm.

3) MOVIE RECOMMENDER SYSTEM
Languages used: Python, Machine Learning, AI
Description: Developed a movie recommendation system using collaborative filtering and content-based filtering algorithms to suggest movies based on user preferences and viewing history.

LANGUAGES

- **Hindi**:   Fluent (spoken and written)
- **Bengali**: Fluent (spoken and written)
- **English**: Fluent (spoken and written)
- **Spanish**: Basic proficiency (spoken, currently learning)

LEADERSHIP & AWARDS

Student Coordinator, College Orientation 2024:
As a Student Coordinator for the class of 2024, led the planning and execution of orientation activities for incoming students.

Organizing Member, Intra-College Hackathon:
As a core organizing member, organized and managed the college hackathon, which earned appreciation from all quarters.

Winner, Inter-College Extempore Competition:
Awarded for impressive & spontaneous speaking skills in a competitive setting.

Volunteer, Extempore and Speech Competitions:
Assisted in organizing and facilitating public speaking events, contributing to the success of the competitions.

Hosted Technical & Cultural Events:
Successfully hosted gatherings of 1000+ attendees in various technical and cultural events, demonstrating public speaking and event management skills from 1st yr. till date.