

FREYA JAIN

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EDUCATION

BTech, Electrical Engineering

Nov '22 - May '26

Netaji Subhas University of Technology

Relevant Courses: Data Structures Algorithms, Python, C++, Database Management System

CGPA : 8.2

EXPERIENCE

SDE Intern, Mahindra Logistics

May '25 - Jul '25

- Developed Vehicle Routing Algorithm for Employee Transport Management System
- Developed a FastAPI microservice to support backend functionality of the ETMS platform
- Integrated JavaScript-based routing controllers to visualize employee trips on the frontend

R&D Intern, Defence Research Development Organisation, Delhi

Jun '24 - Jul '24

- Integrated hardware(electronics) system with AI
- Built an Audio classification project using CNN to classify impulse sounds
- Added GUI for the project using Python

SKILLS

- **Programming Languages:** Python, C++, SQL
- **Data Structures and Algorithms, OOPS**
- **Data Analytics and Machine Learning:** Numpy, Pandas, Scikit Learn, Tensorflow, Keras
- **Frontend , Backend :** Streamlit, Flask, Django
- **Other Technical Skills:** MySQL, DBMS, Git/Github
- **Soft Skills:** Efficient verbal and written communication skills in English

ACADEMIC PROJECTS

AI Therapy

(Team Project)

- Intuitive and responsive chat bot providing real time mental health support
- Backend built using deep learning models like LSTM , deployed using Flask
- Link: <https://github.com/FreyaJain/AITheryapy>

Crowd Sourced

(Team Project)

- Developed a full stack Crowdfunding web app using Django,MySQL and Bootstrap
- Real-time user interaction with live projects for donations, comments and project tracking
- Link: <https://github.com/FreyaJain/CrowdSourced>

Spotify Playlist Maker

(Personal Project)

- Content based Recommendation System built using Spotify API, in Python.
- Link: <https://github.com/FreyaJain/Spotify-Playlist-Maker/tree/main>

ACHIEVEMENTS AND EXTRACURRICULARS

- HackPrix ' 24 Hackathon Winner
- Top 4 teams (out of 1000+ teams) in Mahindra Logistics Hackathon, 2025
- Top 10 teams at IITD Hackathon, 2023
- Solved 400+ Problems on Leetcode; top 10% of users
- Executive Committee Member Mudrakala NSUT, led logistic team throughout the tenure
- **Certifications:** Machine Learning by Andrew Ng, DSA certification by Geeksforgeeks