

ADITI PAUL

B.Tech | M.Tech

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EDUCATION

Hooghly Engineering And Technology College

2020 – 2024

B.Tech in Computer Science & Engineering | CGPA: 9.14

Kalyani Government Engineering College

2024 – 2026

M.Tech in Computer Science & Engineering | CGPA: 9.05

SKILLS

Languages: Python, C/C++, Java, JavaScript, SQL

Tools: VS Code, Git, GitHub, Jupyter Notebook

Frameworks/Libraries: Pandas, NumPy, Scikit-learn, Flask/React

PROJECTS

1. AI-Powered Multimodal Depression Detection System (M.TECH FINAL YEAR PROJECT) 2026

Tech stack: e.g., Python, Flask, MySQL, Jupitar, Vs code

- Developed an AI-based system for depression detection using text and speech.
- Built a DistilBERT model for text classification. Developed a CNN-LSTM model for speech emotion recognition.
- Integrated multimodal predictions to improve detection performance.
- Achieved approximately 94% overall accuracy on the evaluation dataset.
- Technologies: Python, TensorFlow, PyTorch, Transformers, Librosa, Flask

2. CREATING A Guiding BOT FOR ANY WEBSITE(B.TECH FINAL YEAR PROJECT) 2024

Tech stack: e.g., React, Node.js, MongoDB

- This project includes creation of a Bot that will guide and help users who have any query regarding the site. For example if there is an educational site like college website it will be able to say the names of the courses offered ,teachers/faculty names, fee structures and many more.