



Debjit De

Enroll No: 12022002022016
Bachelor of Technology
Computer Science and Technology
University of Engineering & Management, Kolkata

+91-9051319859
debjitdihal@email.com
debjit.de2022@uem.edu.in
GitHub Profile
LinkedIn Profile

EDUCATION

- University of Engineering & Management, Kolkata** 2026
B.Tech, CST YGPA: 7.51(Till 6th sem)
- Narayana Schools, Newtown** 2022
12 Board (CBSE), WEST BENGAL Percentage: 69.8
- Narayana Schools, Burdwan** 2020
10 Board (CBSE), WEST BENGAL Percentage: 75

PROJECTS

- Online Quiz Platform** Ongoing
Full-Stack Developer
 - Tools & technologies used: Django, PostgreSQL, HTML, CSS, JavaScript
 - Designed and developed a role-based quiz platform enabling admins to create and manage quizzes, and users to take timed assessments with instant score calculation.
 - Built REST APIs for quiz management, question handling, and automated scoring logic.
 - Integrated PostgreSQL for secure data storage of quizzes, user results, and performance analytics.
- Portfolio Website** 2 weeks
Frontend Developer [GitHub](#) [Live Site](#)
 - Tools & technologies used: HTML, CSS, JavaScript
 - Built a responsive personal portfolio website to showcase skills, projects, and achievements, improving personal branding and online presence.
 - Enhanced user experience with smooth scrolling, mobile optimization, and interactive elements, resulting in faster navigation and increased visitor engagement.
- Speech Emotion Recognition** 6 months
Machine Learning & Deep Learning Developer [GitHub](#)
 - Tools & technologies used: Python, CNN, Librosa, NumPy, Pandas, Matplotlib
 - Developed a CNN-based model to classify Bengali speech emotions using the SUBESCO dataset, achieving 99.38% accuracy.
 - Implemented feature extraction with Librosa & NumPy, data preprocessing with Pandas, and CNN training with batch normalization and dropout.

PUBLICATION

Optimized Convolutional Neural Network-Based Bengali Speech Emotion Classifier
2024 IEEE India Council International Conference (INDICON), Kharagpur, India
DOI: [10.1109/INDICON63790.2024.10958244](https://doi.org/10.1109/INDICON63790.2024.10958244)

TECHNICAL SKILLS AND INTERESTS

Languages: Python, SQL, HTML, CSS, JavaScript
Developer Tools: GitHub
Cloud/Databases: MySQL, PostgreSQL
Soft Skills: Teamwork, Time Management, Adaptability, Critical Thinking
Subject of Interest: Data structure and algorithms, Database management system

CERTIFICATE

- HTML, CSS, and JavaScript for Web Developers Specialization-Coursera
- Introduction to Deep Learning & Neural Networks with Keras – Coursera
- Introduction to Deep Learning with OpenCV - LinkedIn