

Bidipta Barua

Full stack Developer

Motivated and detail-oriented professional with a strong foundation in full stack development. Passionate about building efficient, scalable, and user-friendly applications while continuously learning and adapting to emerging technologies. Quick learner with a passion for technology and a commitment to continuous improvement.

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EDUCATION

BTech-Information Technology

Maulana Abul Kalam Azad University of Technology

2022 - Present

GPA- 8.34

Project

- DBMS project using HTML, CSS, JS for frontend and Flask and SQLite for backend
- Machine Learning Project using STCNN, BI-GRU AND CTC
- practiced problem solving and efficient coding techniques
- Gained proficiency in programming fundamentals and OOPs

Higher Secondary ISC

St. Augustine's Day School

2021 - 2022

Secondary ICSE

St. Augustine's Day School

2019 - 2020

WORK EXPERIENCE

Web Development Intern

Techno Hacks

11/2023 - 12/2023

Achievements/Tasks

- Developed and deployed responsive web projects using HTML, CSS, and JavaScript, ensuring cross-device compatibility and improved user experience.

SKILLS

JAVA

Python

HTML

CSS

JavaScript

MySQL

SQLite

Data Structure and Algorithms

React.JS

Flask

OOPs

C++

C

Node.JS+Express

PERSONAL PROJECTS

Lip Speak- an end to end deep learning model

- Developed a system that interprets speech by analyzing lip movements from video data. Utilized computer vision to extract spatiotemporal features from facial ROIs, processed using CNNs and RNNs. Enhanced performance with STCNN, Bi-GRU, and CTC for improved sequence modeling and recognition accuracy.

Airline Management System

- A standalone web-based academic project simulating real-world airline operations. Built with HTML, CSS, and JS for the frontend, and Flask with SQLite for the backend. Supports core functionalities like flight bookings and administrative controls.

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Bengali

Native or Bilingual Proficiency

INTERESTS

Creative Writing

Reading

Problem Solving

Strategy Games

Digital Creativity

Travelling

Entrepreneurship and Startup Culture

Mentoring and Peer Learning

Fashion

Public Speaking