BIDISHA KUNDU

Kolkata, India

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EDUCATION

Institute of Engineering and Management   **Kolkata, India**
B.Tech in Computer Science   —   CGPA: 9.0   *2023 – Present*

Holy Child School   **Burdwan, India**
ISC   —   Percentage: 88.25%   *2021 – 2023*

ICSE   —   Percentage: 95.4%   *2021*

WORK EXPERIENCE

GenAI Engineer Intern   **Remote**
AI Wallah 🔗   *July 2025*

- Developed **TalkaTeach**, a PDF-based Q&A assistant that reduced query resolution time by **40%** through context-aware retrieval, serving **500+** users with a responsive UI.
- Created a **YouTube Video Summarizer** using youtube-transcript-api + Gemini 1.5 Flash that processes **1**-hour videos, generating structured JSON summaries and reducing review time by **70%**.

PROJECTS

Umbrella-Maybe 🔗 | Python, Flask, Scikit-learn, Pandas   **GitHub**

- Built a Flask web app for real-time, location-based weather predictions with a dynamic UI that adapts visually to forecast conditions (e.g., sun, rain).
- Trained a Random Forest model on **2000+** meteorological rows to predict rainfall with **92%** accuracy, evaluated via **F1-score**, ROC-AUC, and confusion matrix.
- Integrated a Gemini-powered chatbot focused on weather queries, providing context-aware answers to enhance usability.

ClgVibe 🔗 | React, Node.js, MongoDB, Stream Chat API,   **GitHub**

- Launched a campus communication platform beta-tested with **20+** students and featuring **4 real-time** modules.
- Designed a responsive UI with **10+** reusable React components; handled **50+** daily messages.
- Implemented secure JWT auth and optimized backend routes for low-latency communication.

PageTurners 🔗 | React, Node.js, Express, MongoDB, Tailwind CSS   **GitHub**

- Developed a MERN app for organizing teacher-recommended books with secure auth and **20+** resources.
- Implemented fast REST APIs with Express + MongoDB for books, users, and PDF management.
- Created a responsive React UI with smooth routing and mobile-friendly navigation.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python
CS Fundamentals: DSA, OOPs, DBMS, OS
Frontend: HTML, CSS, Tailwind CSS, React.js, Next.js
Backend: Node.js, Express.js, RESTful APIs
Database: MongoDB, MySQL
Machine Learning: Scikit-learn, Pandas, NumPy, Matplotlib, Data Preprocessing, Feature Engineering
Tools & Platforms: Git, GitHub, VS Code, Render, Postman, Vercel, Flask, Jupyter Notebook

ACHIEVEMENTS

- Solved **100+ Data Structures and Algorithms** problems on LeetCode, strengthening algorithmic thinking and coding proficiency.
- Volunteered as a Technical Event Coordinator at Innovacia Tech Fest, assisting in organizing coding workshops and hackathons for **300+** participants and managing technical logistics.
- Participated in major hackathons including **Smart India Hackathon, HackOasis, and HackSpectrum**, collaborating within teams to build rapid prototypes under time-constrained environments.

CERTIFICATIONS

Data Structures & Algorithms - Apna College 🔗

Data Science: Ultimate Guide - Code With Harry 🔗