ARNAB SADHUKHAN

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EDUCATION

Institute of Engineering and Management,Kolkata   **2020 − 2024**
*B.Tech - Computer Science and Business System - **CGPA** - **9.4(current)***   *Kolkata, India*

Baruipur Boys High School   **2017 − 2019**
*12th Boards - **Percentage** - **89%***   *Kolkata, India*

COURSEWORK / SKILLS

- Data Structure and Algorithms (DSA)
- Computer Networks
- Database Management System (DBMS)
- Operating Systems
- Oops Concepts
- Software Engineering
- C++

EXPERIENCE

Shami Innovation & Technologies Limited ↗   **Jun 2023 − Sep 2023**
Flutter Developer   *remote*
- Worked on a multi-platform flutter application **Truck Tracking System.**
- An application designed to increase the effectiveness of tracking and controlling vehicle fleets in real time.
- Worked on designing Responsive UI of **Dashboard & Report Screen** with **Dynamic UI and Material Widgets**.
- Worked with **Flutter,Firebase,CRUD operations,RestAPIs,Google Maps**.

PROJECTS

Movie Recommender System with Sentiment Analysis ↗ | Python,Scikitlearn,Pandas,Streamlit,nltk
- Implemented a movie recommendation algorithm that leverages machine learning techniques such as **content-based filtering** to provide personalized movie suggestions based on user preferences.
- Used **TMDB API** to fetch all the details of the movies.
- Implemented **Web scrapping** to get the reviews from the IMDB site.
- Integrated sentiment analysis using **NLP** into the system to analyze user reviews and feedback on movies.

You-Chat ↗ | Flutter,Dart,Firebase,Cloud Firestore,Rest Apis,Push notifications
- Developed a real time chatting application using **Flutter & Firebase** .
- Added **Google Sign in** authentication.
- Added features like Message read Status,Add User,Delete,Edit,Notifications **(Push Notifications).**
- Implemented UI with New Material Widgets.

AI Assistant App ↗ | Flutter,Dart,AppWrite,OpenAI
- Developed a Flutter application for **AI Chatbot, AI Image Generation & Language Translation**.
- Implemented using **OpenAI, Lexica Image Search & Google Translator** Api.
- Added features like **Onboarding Screen,Custom Light/Dark Mode,Animations**.
- Used **AppWrite** for cloud integration.

TECHNICAL SKILLS

Languages: C/C++,Python,Dart,MySQL
Developer Tools: VS Code, Android Studio,PyCharm,Google Colab
Technologies/Frameworks: Git, GitHub,Flutter,Firebase

CERTIFICATIONS

- Introduction to Cloud Development with HTML, CSS, and JavaScript (2021)- Edx ↗
- Python Programming - From Basics to Advanced level [2022]-Udemy ↗
- AWS Cloud Practitioner Essentials-Coursera ↗
- Beginners guide to Android App Development (2022) - Udemy ↗

ACHIEVEMENTS

- Participated in 30 Days of Google Cloud Program.
- Participated in college hackathon 'IEM HACKATHON 1.0'.
- 300+ Problem Solved on Leetcode & GFG.