SARBO SARCAR

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SUMMARY

As a research-driven science enthusiast and technology aficionado, I take a deep interest in transcending the theoretical constraints of an academic curriculum and applying learnt concepts to build practical solutions with a global outlook.

EDUCATION

Jadavpur University — Kolkata, India
Bachelor of Engineering in Information Technology. CGPA: 9.80 — Expected 2027
Relevant Coursework: Object Oriented Programming, Data Structures & Algorithms, Database Management Systems, Computer Organisation & Architecture
Activities and Societies: Member, ACM JU Student Chapter.

Indian Institute of Technology Madras — Remote
Bachelor of Science in Data Science and Applications. CGPA: 9.88 — Expected 2027
Relevant Coursework: Machine Learning, Statistics
Activities and Societies: Member, Tech Club. Member, Google Developer Student Club

Birla High School — Kolkata, India
AISSCE (CBSE). Percentage: 98.20 — May 2023
AISSE (CBSE). Percentage: 99.00 — Aug. 2021
Relevant Coursework: Physics, Chemistry, Mathematics, Computer Science
Activities and Societies: Member, Robotics Club. Member, School Editorial Board

SKILLS AND INTERESTS

Programming Languages	C, C++, Python
Web Development	HTML, CSS, JavaScript
Database Management	MySQL, MongoDB
IDE and Tools	Visual Studio Code, Git, Google Cloud Platform
Libraries	NumPy, Scikit-learn, Pandas, PyTorch, Flask
Languages	English (Bilingual Proficiency), French (DELF B2 Certified)
Interests	NLP, Computer Vision, LLMs

PROJECTS

SimpliPy
Flask-based website for recommending songs from a dataset — Sep. 2022 - Feb. 2023
simplipy.onrender.com

· Built a full stack website with database connectivity.
· Design the backend with Python's Flask micro web framework and styled the frontend using HTML5 and CSS3.
· Implemented a login page and a signup page with user sessions.
· Stored the project files on GitHub and deployed using the Render PaaS.

EduPy
Flask-based website for recommending undergraduate courses — Aug. 2021 - Mar. 2022
edupy.onrender.com

· Constructed a full stack web development project using Python's Flask micro web framework for the backend.
· Constructed and styled the frontend using HTML5 and CSS3.
· Implemented web scraping to fetch results from an external website based on user input.
· Stored the project files on GitHub and deployed using the Render PaaS.

LEADERSHIP AND ACTIVITIES

Member, School Editorial Board Nov. 2022 - Feb. 2023
Birla High School, Kolkata

· Edited multiple English articles for the annual school magazine, The Banyan Tree.
· Prepared editorials for covering various school events.
· Proofread the initial drafts and formulated the list of errata to be corrected in the magazine.

Representative, Student Delegation Oct. 2022
Mayo College, Ajmer

· As a member of the student delegation that attended Le Concours de la Francophonie, represented the school in the Declamation event, emerging as the first runner up.

AWARDS AND ACHIEVEMENTS

Received the L.N. Birla Medal for Excellence awarded by the Vidya Mandir Society for securing the highest marks in the AISSCE 2023 (Science stream). Aug. 2023

Emerged as the first runner up in the Declamation event at Le Concours de la Francophonie 9e Édition organised by Mayo College, Ajmer. Oct. 2022

Received the Diplôme d'Etudes en Langue Française Niveau B2 issued by the Ministry of National Education, Government of France. Aug. 2021

Received the India Mathematics Genius Award from Countingwell on National Mathematics Day. Dec. 2020

Awarded a freeship by the Vidya Mandir Society for high achievement in the school examinations. 2019-2023

Secured 'Distinction' in the Australian National Chemistry Quiz 2018 organized by the Royal Australian Chemical Institute. Aug. 2018