

INDRANIL BAIN

Undergraduate Student - Final year

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EDUCATION

Bachelor of Technology (CST)

Indian Institute of Engineering Science & Technology, Shibpur

📅 December 2020 – Ongoing 📍 Howrah, WB

CGPA (Upto 6th Semester) : 7.94/10

EXPERIENCE

IIST Shibpur

Project Intern || Under Prof. Abhik Mukherjee

📅 July 2023 - Ongoing 📍 Onsite

- Designed an intuitive interface for enhanced user engagement and learning outcomes.
- Developed tools for tailored study plans and curated resource recommendations.
- Leveraged advanced techniques and personalization engines, optimizing learning experiences.

IIT Kharagpur

Project Intern || Under Prof. Debdeep Sheet

📅 July 2022 - October 2022 📍 Remote

- Directed frontend and UI development for Android app and research initiatives.
- Conducted specialized research in Federated Learning, optimizing insights application.
- Significantly contributed to enhancing accuracy in the "Skin Curate" disease detection app.

PROJECTS

GRE-Helper

📅 June 2023 - Ongoing

Technology Used: Python, HTML, CSS, React **Internship Project**

G.R.E Helper, a tailored mock test assessment, personalized feedback, and strategic study plans with curated resources for enhanced test readiness and academic excellence.

Capital Asset Pricing Model

📅 June 2023 - July 2023

Technology Used: Python, Streamlit, Pandas **Personal Project**

CAPM-based portfolio analysis using Python and Streamlit. This tool empowers users to evaluate risk, forecast returns, and enhance investment strategies.

TECHNICAL SKILLS

- Programming Languages:** Python, Go, C++
- Database Management:** MySQL, RDBMS, PostgreSQL
- Other Skills:** Numpy, Pandas, CSS, JavaScript, MS Office, Figma, Adobe Photoshop
- Developer Tools:** VS Code, Git, Github, Jupyter Notebook, Google Colab
- Operating Systems:** Unix/Linux, Windows

PERSONAL SKILLS

Strengths

- Strong motivational and leadership skills.
- Effective individual and team collaborator.
- Positive attitude and adaptable mindset.

Areas for Growth

- Detail-oriented approach.
- Continuously improving assertiveness and prioritization.

ACHIEVEMENTS

- JEE (Main):** Secured All India Rank 25625. Total 4 lakhs+ students gave the exam.
- CodeChef:** Rating - 1603, 3 STAR coder.

ADDITIONAL PURSUITS

- Club-level Badminton Player:** 50+ tournaments, showcasing commitment.
- Center-Forward Football Player:** Inter-school tournaments, teamwork emphasis.
- Assistant Treasurer, ASCE:** Managed finances, honed organizational skills.
- Publication Co-Lead, REBECA:** College fest publication leadership, event management.

LANGUAGES

English
Bengali
Hindi



