

# INDRANIL BAIN

Undergraduate Student - Final year

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Kolkata, West Bengal, India

in indranil-bain

not-indro

not-indro.github.io

## 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

Research Intern

IIST Shibpur

July 2023 - Ongoing

Onsite

Guided frontend development for a modern, user-centric interface, innovating personalized learning tools, study plans, and resource recommendations to optimize outcomes.

Project Intern

IIT Kharagpur

July 2022 - October 2022

Remote

Steered frontend and UI development for Android app and research website, conducted specialized research in Federated Learning, and provided significant contributions to the "Skin Curate" disease detection app.

## PROJECTS

GRE-Helper

June 2023 - Ongoing

Technology Used: Python, HTML, CSS, JavaScript Team 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, HTML, C++
- Database Management: MySQL, 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.

## LANGUAGES

English  
Bengali  
Hindi



## ACHIEVEMENTS

- JEE (Main): Secured All India Rank 25625. Total 4 lakhs+ students gave the exam.
- CodeChef: Rating - 1589, 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.
- Design Co-Lead, REBECA: College fest design leadership, event management.