

INDRANIL BAIN

Undergraduate Student - Final year

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EDUCATION

Computer Science and Technology (B.Tech)

Indian Institute of Engineering Science & Technology, Shibpur

December 2020 – Ongoing Howrah , West Bengal

CGPA (Upto 6th Semester): 7.94/10

EXPERIENCE

Project Intern

IIST Shibpur || 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.

Project Intern

IIT Kharagpur || Under Prof.Debdoot Sheet

July 2022 - October 2022 Remote Credential Link

- Directed front-end 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

Stack Tower Game

July 2023 - September 2023 Access Link

Technology Used: HTML, JavaScript, CSS Personal Project

Stack Tower is a web game that showcases precision and strong problem-solving abilities, offering users an engaging and entertaining experience in tower construction.

Capital Asset Pricing Model

June 2023 - July 2023 Access Link

Technology Used: Python, Streamlit, Pandas Personal Project

CAPM-based portfolio analysis equips users to assess risk, project returns, optimize strategies, and make informed decisions, bolstering confident portfolio management.

TECHNICAL SKILLS

- Programming Languages:** Python, C++
- Database Management:** MySQL, PostgreSQL
- Other Skills:** Figma, HTML, CSS, JavaScript, MS Office
- 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. A total of 4 lakhs+ students took 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

