

Anirban Chakraborty

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WORK EXPERIENCE

Quantum Coders

Jan 2025 – Jan 2025

- Participated as a **Competitive Programmer**; secured top position in DSA contest at IC-NSBT 2025 as part of the Quantum Coders team.
- Developed and deployed optimized solutions during **AlgoHunt Hackathon** at IC-NSBT 2025.

Unstop

Feb 2025 – Feb 2025

- Led project “**WOVIOUR**”, winning 1st place in the all-India **ISTE IDEATHON**.
- Collaborated in a cross-functional team of 4 to deliver a prototype under tight deadlines.

EDUCATION

Haldia Institute of Technology, B.Tech in Information Technology

Aug 2024 – Aug 2028

YGPA: 8.69 / 10

PROJECTS

EcoMate

 Repo

- Developed a smart sustainability platform to help users track their environmental impact and promote eco-friendly practices.
- Features include carbon footprint tracking, eco-initiatives participation, and community challenges for greener living.
- Implemented user authentication, dashboards, and interactive data visualizations to increase engagement.
- Tools: HTML, CSS, JavaScript, Python, Django, MySQL.

FastNotes

 Repo

- Built a CRUD-based note-taking web application with RESTful API support and a responsive frontend.
- Implemented SQLite database operations with SQLAlchemy ORM and Alembic migrations for efficient data management.
- Integrated Jinja2 templates for dynamic rendering and interactive user interface.
- Tools: FastAPI, SQLAlchemy, Alembic, SQLite, HTML, CSS, JavaScript.

To-Do List

 Repo

- Developed a user-friendly task management application to organize and prioritize daily activities.
- Features include task creation, modification, completion status tracking, and RESTful API endpoints.
- Tools: FastAPI, SQLite, HTML, CSS, JavaScript.

SKILLS

- **Languages:** C++, Python, JavaScript, SQL
- **Frameworks & Libraries:** FastAPI, Streamlit, NumPy, Pandas, Matplotlib
- **Databases:** SQLite, MySQL
- **Development:** HTML5, CSS3, JavaScript
- **Deployment:** Render (Cloud)
- **Other:** Data Analyst, Backend Development, Full Stack Development, Software Development, REST API, API Development, Debugging, Problem Solving, Git, GitHub, Agile, Team Collaboration, System Design

AWARDS

- 1st Place, CODATHON (out of 50+ teams) — recognized for algorithm optimization and code efficiency.
- 1st Place, ISTE IDEATHON (out of 144 teams) — awarded for innovative project design and execution.