

# Snahanku Karar

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[Github](#) — [Leetcode](#) — [LinkedIn](#)



## Education

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- **B.Tech in Computer Science Engineering**, Techno International New Town  
CGPA: 7.87/10 (up to 7th semester)
- **Higher Secondary**, St. Thomas High School  
Percentage: 74.83 [Aggregate]
- **Secondary**, St. Thomas High School  
Percentage: 69.6 [Aggregate]

## Internships

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- **SDE Intern**, Indian Institute of Technology Bombay (IIT-B)  
*Jan 2024 - Dec 2024*
  - Designed and implemented the user interface for Project Udaan.
  - Resolved 15+ significant bugs, including server-side and authentication bugs.
  - Implemented language conversion functionality and OCR-email pipeline.
  - Tested 20+ API endpoints for improved user accessibility.
- **DevRel Intern**, MadScientist  
*Aug 2024 - Nov 2024*
  - Developed a detailed blog on the MadScientist platform.
  - Hosted creative tech talks and created detailed bug reports to assist the development team.

## Projects

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- **Calorie Shift** *Tech Stack: HTML, CSS, Django, Bootstrap 5, API* ([Link](#))
  - Created a system to help users track their calorie intake by analyzing the food they log and matching it with a detailed nutrition database.
  - Implemented algorithms to calculate the caloric input and generate exercise recommendations.
  - Personalized workout suggestions designed based on each user's eating habits, fitness goals, and activity level.
- **LinkSphere** *Tech Stack: Python, Django, REST Framework* ([Link](#))
  - Designed the database to organize employee and company information in a clear and efficient way.
  - Developed a REST API that displays connections between employees and their respective companies.
  - Added features to let users easily search, filter, and view employee-to-company connections.
  - Made sure the API is secure, easy to scale, and simple to understand for anyone who needs to use it.
- **CryptoCanvas** *Tech Stack: ReactJs, NodeJs, Crypto API* ([Link](#))
  - Designed an intuitive dashboard to display real-time cryptocurrency data, making it easy for users to stay updated.
  - Created an interactive dashboard featuring real-time crypto data using interactive charts.
  - Integrated interactive charts to dynamically visualize trends, price fluctuations, and market performance.

## Achievements

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- Accomplished 4th Rank in the GDSC Solution Challenge, developing a text-to-Braille converter.
- Secured 1st place in the software category during Round 1 of Smart India Hackathon (SIH).
- Three-star coder at HackerRank ([Link](#)).

## Key Skills

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Python, Java, Django, Html, Css, DRF, Reactjs, Nodejs, MYSQL, OOP, DSA