

INDRAJIT PAL

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EDUCATION

Meghnad Saha Institute of Technology

Bachelor of technology in CSE

2020 - 2024

CGPA : 9.28

Bankura Zilla School

Higher Secondary Education

2018 - 2020

Grade : 86.7%

Vivekananda Siksha Niketan High School

Secondary Education

2016 - 2018

Grade : 93%

PROJECTS

Doctor.AI Disease Prediction and Solution (Group Project): [Github](#) | [Website](#)

June 2023 - July 2023

- Predicting disease type with **CT-Scan & MRI**.
- Enhanced patient experience by implementing a user-friendly **video call** platform for Doctor's consultations, resulting in streamlined accessibility and reduced **travel time** for patients
- Designed a post-video call **rating system** for patients, resulting a leading **improved** doctor recommendations for future patients.
- Tech Stack: **React, Flask, Node JS, Express, MongoDB.**
- **Role: Backend** Development

Cyclone prediction before it's eye formation (Group Project):

May 2022 - July 2023

- Automated system using transformer-based **CNN architecture** and **INSAT 3D IR** images to predict Tropical Cyclones' positions and intensity.
- Tech stack: **Flask, React, Node, Express, MongoDB, DESNET, VGG16** model.
- **Role: Backend** Development (ongoing)

Realtime Chat App: [Github](#) | [Website](#)

December 2022

- Developed and integrated a dynamic **messaging system** within the app, leveraging a robust database architecture to enable seamless **real-time** communication between friends.
- Modernised dynamic login page feature, enabling users to select from a vast array of customizable **avatars**.
- Uses **socket.io**, **React Js, Node Js, Express Js & MongoDB** as database connection.

Gold Price Notifier Chrome Extension: [Github](#)

April 2023

- Chrome Extension where user can **set** a defined **rate of Gold**.
- Developed and implemented a **real-time** gold price monitoring extension, alerted users instantly when prices dropped, resulting in a 25% increase in gold purchases and improved user satisfaction.
- Uses **manifest.json v3** and **MetalPriceAPI** for gold price fetch.

TECHNICAL SKILLS

- **Subject Interest** : Object Oriented Programming, DSA, DBMS, Operating Systems
- **Technologies / Frameworks**: React Js, Node Js, Express Js, MongoDB
- **Languages**: Python, Java, JavaScript, SQL, HTML5, CSS3, C, C#, PHP

ACHIEVEMENTS

- Winner of **ACM Student Chapter Hackathon** 14 finalist teams. Created a **AR app** for **innovative learning**. March 2022
- Winner of **Hack4Bengal - Google Cloud Track. Doctor.AI** Disease Prediction and Solution. ([Website Link](#)) July 2023

PROFILES

- 🔗 **Github Profile**: github.com/INDERJEET0202
- 🔗 **Linkedin Profile**: linkedin.com/in/indrajit02/
- 🔗 **Leetcode Profile**: Solved 570+ Questions on **LeetCode** platform.
- 🔗 **Hackerrank Profile**: Mastered Python, Java and C through rigorous problem-solving challenges on Hackerrank.