

INDRAJIT PAL

Kolkata, West Bengal

☎ +91 8944015868 ✉ palindrajit10@gmail.com [in linkedin.com/in/indrajit02](https://www.linkedin.com/in/indrajit02) [🌐 /Portfolio](#)

EDUCATION

- **Meghnad Saha Institute of Technology** Kolkata, India
Bachelor of Computer Science and Engineering; GPA: 9.28 July 2020 - June 2024
Courses: Object Oriented Programming, Operating Systems, Data Structures, Analysis Of Algorithms, Databases
- **Bankura Zilla School** Bankura, India
Higher Secondary Education; Grade: 87% 2018 - 2020
- **Vivekananda Siksha Niketan High School** Bankura, India
Secondary Education; Grade: 93% 2016 - 2018

SKILLS SUMMARY

- Languages Python, Java, JavaScript, SQL, C
- Frameworks React Js, Node Js, Express Js, Flask, Mongo DB
- Tools VS Code, GIT, MySQL, Github, Postman
- Platforms Web, Windows, GCP
- Soft Skills Leadership, Event Management, Communication, Time Management

PROJECTS

- **Doctor.AI Disease Prediction and Solution (Group Project):** Github | Website
React, Flask, Node Js, Express, MongoDB June 2023 - July 2023
 - **1st out of 150+ teams' project** in "Best use of Google Cloud".
 - 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 in improved doctor recommendations for future patients.
 - **Role:** Backend Development.
- **Cyclone Detection using Infrared Imagery and CNN.** May 2022 - July 2023
Flask, React, Node, Express, MongoDB, DESNET, VGG16 model
 - Working with a team of 6 members under the mentorship of Prof. Soumya Suvra Khan, to build a deep learning model that takes in infrared images of tropical cyclones and predict its intensity and future intensity.
 - With consultation and feedback from **IMD** (Indian Meteorological Department) Eastern Department head **Dr. Sanjib Bandyopadhyay** we have received an accuracy of **90%** for cyclone detection and current intensity prediction.
 - **Role:** Backend Development
- **Learn With Augmented Reality (AR) Mobile App:** Live Demo
Unity3D, AR Core, Vuforia, C#. April 2022
 - Main motive is to make learning more **innovative** and **entertaining** for students.
 - Augmented reality simplifies complex topics, such as in **Mechanical, Computer Science, and Medical fields**. A single target image, placed in books or newspapers, facilitates **interactive 3D model** learning for users.
- **Realtime Chat App:** Github | Website
socket.io, React Js, Node Js, Express Js & MongoDB. 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**.

ACHIEVEMENTS

- **HACK4BENGAL2.0** Kolkata, India
Team Leader July 2023
 - **1st out of 150+ teams or 500+ participants** in the Best use of Google Cloud Track. One of the biggest offline hackathon of Eastern India.
- **ACM HACK-A-DAY 2022** Kolkata, India
Team Leader. February 2022
 - **1st out of 20+ finalist teams.** Winner of the overall hackathon organized by ACM Kolkata.
 - Created an **AR** app for **innovative** learning.

PROFILES

- **Github Profile:** github.com/INDERJEET0202
- **Linkedin Profile:** [linkedin.com/in/indrajit02/](https://www.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**.