INDRAJIT PAL

Kolkata, West Bengal

📱 +91 8944015868 ✉ palindrajit10@gmail.com in 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 Developement.

Cyclone Detection using Infrared Imagery and CNN.
Flask, React, Node, Express, MongoDB, DESNET , VGG16 model *May 2022 - July 2023*
  - Working with a team of 6 members underthe mentorship of Prof. Soumya Suvra Khan, to build a deep learning model that takes in infrared images of tropical cyclones and predict it's 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 Developement

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.

Learn With Augmented Reality (AR) Mobile 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/
- **Leetcode Profile:** Solved 570+ Questions on **LeetCode** platform.
- **Hackerrank Profile:** Mastered **Python, Java** and **C** through rigorous problem-solving challenges on **Hackerrank**.