

Indranil Naskar



[Leetcode](#) | [Gfg](#) | [Hackerrank](#)

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🐙 GitHub Profile
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EDUCATION

•NETAJI SUBHBASH ENGINEERING COLLEGE

2020-24

B.TECH in INFORMATION TECHNOLOGY, kolkata

CGPA: 9.121

•BARUIPUR HIGH SCHOOL (HIGH)

2012-19

Baruipur, Kolkata

10th : 86.86 %, 12th: 88.4 %

EXPERIENCE

•CELEBAL TECHNOLGIES - Summer Internship 2023

May - July 2023

React JS Developer / Certificate

Remote

- Designed and developed dynamic and responsive websites using **React JS, CSS, JavaScript**
- Worked with **REST APIs, Private and Public Routing**, Forms and other Libraries.

•PERSISTENT - Martian Summer Internship Program 2023

June - July 2023

Certificate

Remote

- Acquired in-depth skills in **Data Structures and Algorithms, DBMS and Python** during intensive training, demonstrating analytical aptitude and collaborative learning.

PROJECTS

•FlameAlert Pro+ (Ongoing - Final year project)

Source Code

- Developed an **IoT-driven** fire detection system integrating Fire **Sensors**, a **Camera module**, and **TensorFlow** for real-time image analysis. Enhanced safety measures with a modular and efficient solution, implemented using **Python** for **machine learning** algorithms.
- Utilized Arduino UNO for hardware control, **CNN** model for image analysis, **GSM** for notifications, and **C++** in the Arduino IDE for efficient code execution on resource-constrained **IoT devices**.

•BLOG WEBSITE

Client / Server

- Developed a sleek and modern full-stack MERN (**MongoDB, Express, React.js, Node.js**) blog website with user authentication, utilizing **RESTful APIs** for seamless communication and integrated **MongoDB** database.
- Implemented **JWT authentication** to enhance security and deployed on **Netlify** and **Render** (backend)

•Diabetes Prediction using ML

Source Code

- Developed a precise diabetes prediction model (**77.8% accuracy**) using **SVM**, expertly leveraging Python's **NumPy, Pandas**, and **scikit-learn**.
- Crafted an intuitive web interface with **Streamlit** in **Python**, seamlessly integrating the model using **Anaconda** and **Spyder IDE**.

•PERSONAL PORTFOLIO

Source Code

- Developed and deployed a personal website using **React JS, CSS** demonstrating **Projects and Skills**, ensuring global accessibility and showcasing deployment proficiency.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, HTML, CSS, PYTHON, SQL, JavaScript

Libraries: Numpy, Pandas, Sklearn, Matplotlib, Material UI, NIVO Charts

Dev Tools: Visual Studio Code, Git, Github, ChatGPT, Sublime, Eclipse, ANACONDA, SPYDER

Frameworks: React.js, React Native, Express, Node.js, Bootstrap

Databases: MongoDB, Relational Database(mysql)

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming (OOPS), Database Management System(DBMS), Software Engineering.

Areas of Interest: Internet of Technology(IOT), Machine Learning(ML)

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

ACHIEVEMENTS AND COURSES

- Leetcode 350+ Problems Solved
- 4* in C & C++ at HackarRank
- Innovative India Coding Championship (2022) Round 1 Qualifier
- Hacktoberfest 2021 & 2022 & 2023 contributor
- TCS iON Career Edge - Young Professional
- FULL STACK DEVELOPMENT WITH MERN STACK