

Ankita Sinha Ray

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EDUCATION

MCKV Institute Of Engineering

B.Tech in Information Technology

Liluah, WB

Jul 2021 – Jun 2025

Singur Mahamaya High School

Higher Secondary (PCMB)

Singur, WB

Apr 2019 – Mar 2021

PROJECTS

Drone Based Intelligent Magnetic Sensing System and Metallic Anomaly Detection (Ongoing)

- A drone with magnetic sensing, navigates autonomously using AI for precise analysis of Ferromagnetic objects.
- Technology: Drone Technology, AI

Determining personality traits through Graphology using ML [LINK](#) Nov 2023

- Developed a Handwriting analysis system using CNN algorithms. It has a user-friendly interface for handwriting submission.
- Technology: JavaScript, Tailwind CSS, MongoDB, ML

OTP based wireless smart locking system Jan 2023

- In this project, we are creating a smart OTP-based locking system. This smart lock can generate a new password every time we unlock it, which further enhances your security level. For our safety and security, we bring a DIY smart lock that has the capability to remove all these security threats and problems
- Technology: IOT (Arduino UNO)

Weather App [LINK](#) Dec 2022

- Basic Weather Application using Rapid API
- Technology: HTML, CSS, JavaScript

EXPERIENCE

Front-end Developer

Jan 2024 – Mar 2024

BrainWaves Learning Library

- Built responsive website using semantic HTML5, Javascript, ReactJS and CSS compiled using maven and webpack build tools.

Data analyst

Jun 2023 – Jul 2023

IBM SkillsBuild and CSRBOX Academic Internship

- Learned Maintaining large databases and used various professional statistical techniques to collect, analyze, and interpret data.

EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements: 1. First year Batch Topper 2. Selected for Google Girl Hackathon'23

Responsibilities: 1. Microsoft Learn Student Ambassador (To promote technological learning and organizing engaging events and workshops to empower students with the latest Microsoft technologies and resources.) [LINK](#)

2. Joint Editor of Risers Club Of MCKVIE

Extracurricular: Google Arcade 2023, Participate in Model Presentation, Poster Presentation. PRAGATI (JAN 2023) (TECHFEST of MCKVIE), Participate in Brainrush'22, Kodikas'22, Pulse'22, Volunteer at Team Everest NGO

TECHNICAL SKILLS

Languages: C/C++, Python, Java (Basic), SQL (Postgres), JavaScript, HTML/CSS

Frameworks: React.js, Node.js, Express.js, Next.js, Material-UI

Developer Tools: Git, Google Cloud Platform, VS Code, PyCharm, IntelliJ, Eclipse, MongoDB

Libraries: pandas, NumPy, Matplotlib

Other: Data Structure, Algorithms, OOPs, OS, DBMS, CN

PROFILES

[Leetcode](#) | [GFG](#) | [CodeChef](#) | [HackerRank](#) | [Trailbazer](#) | [GCP](#)