SACHIN HAZRA

📍 Kolkata , West Bengal

✉ sachin99hazra@gmail.com   ☎ 7364864656   in sachin-hazra-2003-sh10   ◯ Sachinhazra10

PROFILE

I am a programmer who is also deeply passionate about deep learning. I am currently pursuing B.Tech. in Computer Science and Engineering, and I am actively involved in projects that revolve around deep learning. Additionally, I have a keen interest in software development and system optimization to build a strong foundation for my future career.

PROJECT WORKS

Cataract Disease Detection by Deep Learning (Final year Project)
May 2024 – Ongoing

Developed a deep learning model to detect cataract disease from eye images. Utilized image processing techniques and feature extraction to train and optimize the model for accurate classification. Evaluated performance using metrics like accuracy and precision, contributing to early diagnosis and improved ophthalmic care.

Potato Disease Detection using Leaves (Deep Learning, CNN)
December 2024 - Ongoing

Implemented a deep learning-based system using Convolutional Neural Networks (CNN) to identify potato leaf diseases from images. Preprocessed datasets, trained and optimized the model for accurate classification, and evaluated performance metrics. Integrated cloud services for scalability, enabling early disease detection to assist farmers in improving crop health.

EXPERIENCE

IBM Skill Build (AICTE Collaboration) Internship   June 2023 - July 2023

Emerging Technologies (AI & Cloud)

- In this **internship** I learned about various types of artificial intelligence, how to use them effectively, and the basic of cloud computing. I gained foundational knowledge of cloud platforms and services, understanding how AI integrates with cloud technologies for scalable solutions.

SKILLS

Programming Languages - C, Java, SQL(Structured Query Language)
Concepts – Data Structure and Algorithms, Database Management System, OOPs

ACHIEVEMENTS

- Secured rank 131 in International School Olympiad of Mathematics in 2018-19

ACADEMIC QUALIFICATIONS

B.tech Computer Science and Engineering University of Engineering and Management(Kolkata)	2022-2026	CGPA 8.5
Higher Secondary (XII) - WBCHSE Arambagh High School	2022	94.4%
Madhyamik (X) - WBBSE Kamarpukur Ramakrishna Mission M.P. School	2020	90.71%

CERTIFICATIONS

- Meta Database Management System (Coursera)
- IBM Deep Learning (Coursera)
  OOPS in Java(Coursera)

SPECIAL   INTEREST

- Playing Football

LANGUAGES

- English
- Hindi
- Bengali

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

Date: 05/03/2025   **Signature: Sachin Hazra**