Harsh Ray

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CAREER OBJECTIVE

Aspiring to leverage my skills in programming, problem-solving, and artificial intelligence to contribute to technology projects at leading organizations like Google or Microsoft. Eager to grow as an ethical hacker and software developer, combining technical expertise and innovative thinking.

EDUCATION

B.Tech, Computer Science(Artificial Intelligence & Machine Learning)   2024 - 2028
Asansol Engineering College (AEC)

Senior Secondary (XII), CBSE   2024
Science

Green Point Academy, Kultora

Percentage: 72.00%

Secondary (X), CISCE   2022
Assembly Of God Church School, Sodepur

Percentage: 87.33%

TRAININGS / CERTIFICATIONS

ChatGpt Bootcamp
Feb 2025

LetsUpgrade, Virtual

This course taught me the best and efficient way of using an AI Agent- ChatGPT. First Day: Intro to ChatGPT and Natural Language Processing (NLP), Second Day: Basic Concepts of ChatGPT, Third Day: Intermediate Concepts in ChatGPT.

Excel Bootcamp
Feb 2025

LetsUpgrade, Virtual

Three Days Excel Bootcamp taught me the various new shortcuts and use of MS Excel and different techniques. First Day: Excel Basics, Second Day: Excel Skills, Third Day: Advanced skills and applications.

Data Science With Python
Feb 2025

LetsUpgrade, Virtual

This course gave knowledge of Data Science and Python both. First Day: Introduction to Data Science, Second Day: Data Manipulation and Analysis, Third Day: Into to Machine Learning with Python

Arduino And IOT Workshop
Oct 2024

Asansol Engineering College (Hardware Club), Asansol

This workshop was organized by the Hardware Club of my Asansol Engineering College where I am pursuing the B.Tech degree. This workshop helped me in learning about the microprocessor Arduino. I was able to know its functions and connectivity and how it can be used to make great projects that will help the society. I also have participated in the Innovative Hardware Model Making competition where this key concept of the Arduino was very helpful for me.

Domestic Data Entry Operator
Jul 2022

Unifiers Social Ventures Pvt Ltd, Virtual

PORTFOLIO

[Leetcode link ↗](#)

[GitHub link ↗](#)

PROJECTS

HospConnect ↗
Jun 2025 - Jul 2025

It is a smart health care portal that streamlines patient-doctor communication with real-time updates, patient management, and hospital directory services.

NCC-Portal ↗
Mar 2025 - Apr 2025

Online portal for NCC cadet management that tracks activities, schedules, and performance, digitizing traditional paper-based operations.

Phone Info Portal ↗
Jan 2025 - Feb 2025

A web tool for retrieving and displaying detailed phone specifications using an API-driven approach. Ideal for tech comparison or resellers.

Arduino Mobile Communication ↗
Sep 2024 - Oct 2024

An Arduino-based GSM system for sending and receiving SMS, Calls, ideal for emergency alerts and IOT applications.

AEC-FSP-Portal ↗
Apr 2025 - Jun 2025

A full-stack web portal for managing institutional data at AEC, featuring role-based logins and dashboards for students, teachers and admins.

Ultrasonic Radar System ↗
Feb 2025 - Mar 2025

A radar system using an ultrasonic sensor and servo motor for object detection and distance mapping, visualized via a GUI.

Bluetooth Controlled Car ↗
Nov 2024 - Dec 2024

A 6-Wheeled, Bluetooth-controlled car using an Arduino Uno and motor driver, operated via an android Interface for wireless controls.

INVOICE GENERATOR AND STAFF MANAGEMENT SYSTEM ↗
Nov 2023 - Jan 2024

Invoice Management refers to the overall management of a company's Invoices
all the way from generating quotations, gathering client and vendor information,
calculating invoices, generating them, approving them, and getting them
conveyed to the concerned individual or company. Employers could gain
insight into their employees via an staff management system, which allows
them to better plan and manages work hours, lowering labor expenses and
increasing productivity.

SKILLS

- Python
- MS-PowerPoint
- English Proficiency (Written)
- Algorithms
- Computer skills
- Java
- MS-Word
- C Programming
- MySQL
- MS-Excel
- English Proficiency (Spoken)
- Data Structures
- Firebase

EXTRA CURRICULAR ACTIVITIES

- Cadet in National Cadet Corps (NCC) with Regimental No: WB2024SDIA9160860
- Played key roles in team sports like cricket (wicketkeeper-batsman) and football (defender), contributing to strategy and teamwork during matches.

ADDITIONAL DETAILS

- Swimming: Won 2nd prize in a competition
- Won 1st prize in my college for AEC Codest Special Edition 2.0
- Won 1st prize Inter-House Football Tournament
- Won 1st prize Inter-House Cricket Tournament