

# PROLAY HALDER

+91 9123316324 || prolayahalder2004@gmail.com || DOB : 10th February 2004  
S/O - Debasis Halder , 5/3/E Chakraborty Para Lane Bally Howrah - 711201  
Github : <https://www.github.com/prolay2004>



## CAREER OBJECTIVE

To secure a challenging position as a software developer in a dynamic organization where I can leverage my technical skills, passion for problem-solving, and enthusiasm for learning new technologies to contribute to organizational success while continuously growing professionally.

## SKILLS

C Language, Python  
HTML, CSS  
Django, mongoDB

Operating System  
DBMS  
Machine Learning

Prompt Engineering  
github  
Internet of Things (IoT)

## EDUCATION

### GRADUATION

Sep 2022 - Present

### GURU NANAK INSTITUTE OF TECHNOLOGY

I am pursuing B.Tech in Computer Science Engineering, now in my 3rd year (6th semester), with an average YGPA of 8.79 for the 1st and 2nd years.

## LANGUAGE

English ( Advance )  
Hindi ( Advance )  
Bengali ( Native )

## HOBBIES

Video Editing  
Videography

## INTERESTS

Java  
javaScript  
php

## PROJECTS

### Secure File Sharing Web App (Django, HTML/CSS, Python)

Developed a secure file-sharing platform with QR code generation, email integration, and password-protected access. Ensured data privacy using encryption techniques.

### Password Manager Web App (Django, MongoDB, Cryptography)

Built a web-based credential manager with encrypted storage using MongoDB. Implemented authentication for login and secure backend integration.

### Smart Home Automation System (Arduino Uno, Sensors, C++)

Created an IoT-based smart home prototype to control lights/appliances via sensors and microcontrollers. Focused on real-time automation and energy efficiency.

### AI-Based Diet Planner (In Progress) (Python, ML Algorithms, Pandas, Sklearn)

Building a machine learning model to predict personalized diet charts using user input data like age, health conditions, and goals.

## CERTIFICATION

### Django framework training

Completed a Beyond Curriculum Training (BCT) in Python with Django from Ardent Computech Pvt. Ltd. on 13th Feb 2024.

### Generative AI Training

Completed a Beyond Curriculum Training (BCT) of GEN AI and Prompt Engineering from Webel Fujisoft Vara Centre of Excellence in Industry 4.0 on 31th July 2024.

## EXTRACURRICULAR ACTIVITIES

### Organizor in Collage Fest

Worked as a member of the Marketing Team for the college cultural fest, ZYZVAA, held on March 14-15, 2024, contributing to its successful organization.

### Event Head in Tech Fest

I worked as an organizer of the departmental tech fest, Techverse 3.0, serving as the Event Head for the Web Development Event on November 5th and 6th, 2024.