

# SOURAV CHANDA

✉ [souravchanda601@gmail.com](mailto:souravchanda601@gmail.com)

☎ +91 91639 26674

🔗 <https://chandasourav.github.io/>

🌐 <https://www.linkedin.com/in/sourav-chanda>

🔗 <https://github.com/ChandaSourav>

🏠 Sourav Chanda

ℝ<sup>6</sup> Sourav-Chanda

🆔 Sourav Chanda

## SUMMARY

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An innovative and smart-working individual with a special interest in Machine Learning, and Software Development. A Web Designer and Developer who worked with web development. Currently, a Computer Science Engineering student, parallelly working on machine learning projects that pique my interest. To explore the new areas and Work for an organization which provides me the opportunity to improve my skills and knowledge to growth along with the organization objective.

## EDUCATION

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08/2023 – 07/2025 **M. Tech in Computer Science and Engineering**  
Kolkata, India *University of Calcutta*

08/2020 – 07/2023 **B. Tech in Computer Science and Engineering**  
Kolkata, India *Swami Vivekananda Institute of Science and Technology*

08/2017 – 07/2020 **Diploma in Computer Science and Technology**  
Kolkata, India *Swami Vivekananda Institute of Science and Technology*

## PROJECTS

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09/2024 – 06/2025 **Prediction of Blood Cancer using DNA Sequences Derived from Histology Images - (Academic)**  
Invented a new set of techniques to implement Image to DNA Convert and Cancer Prediction.  
• Python, Deep Learning, PyTorch

09/2022 – 06/2023 **Implementation of DNA Cryptography using IBROS Cypher - (Academic)** ☑  
Invented a new set of techniques to implement DNA Cryptography for secure data communication.  
• Python, Tkinter, Flask, HTML, CSS, JavaScript

02/2023 – 04/2023 **Seasonal Crop Prediction using Logistic Regression - (Euphoria Genx)** ☑  
It's mainly Consists with Agriculture Production Optimization Engine Using Logistic Regression.  
• Python, Logistic Regression

11/2021 – 01/2022 **Predicto · Review Rate Predictor - (Academic)** ☑  
A chrome extension that automatically puts the star ratings of an amazon product by analyzing the product review written by the customer.  
• Python, Scikit-Learn, Logistic Regression, Flask, HTML, CSS, JavaScript

## SKILLS

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### Languages

Python, HTML5, CSS3, JavaScript, MySQL, PHP, C Programming

### Tools

Git, Linux, Windows, Microsoft Office, Xampp, Visual Studio Code, GIMP, Kali-linux, Adobe acrobat pro

### Others

Hardware, Editing

### Frameworks & Libraries

TensorFlow, Scikit-Learn, PyTorch, NumPy, Pandas, Matplotlib, Flask

### Techniques

SEO

## CERTIFICATIONS

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### Python for Everybody Specialization - Coursera

Consists of four consecutive courses covering the basics of python, followed by its data structures, then using Python to access web data, and finally using it for Databases.

### Python Data Structures - Coursera

It's mainly Consists some basic knowledge of Data Structure.

### Machine Learning Using Python - Euphoria

#### Genx

It's mainly Consists with Agriculture Production Optimization Engine Using Logistic Regression.

## PUBLICATIONS

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25/08/2023

**Implementation of DNA Cryptography using IBROS Cypher** [!\[\]\(a73c1962d20a39dd8fd6a060ae69693f\_img.jpg\)](#)

*International Research Journal of Innovations in Engineering and Technology*

19/12/2023

**Predicto -Review Rate Predictor** [!\[\]\(066cb4a00c9d9f40edb6f87372ec6f08\_img.jpg\)](#)

*International Research Journal of Innovations in Engineering and Technology*