

# Sayan Banerjee

Machine Learning Enthusiast

Proficient in JAVA, C Programming Language, Python, HTML, CSS, and JavaScript. Passionate about implementing and launching new projects. Ability to translate business requirements into technical solutions. Strong in design and integration with intuitive problem-solving skills.



✉ sayan112207@gmail.com

📍 Bhubaneswar, India

🌐 [linkedin.com/in/sayan-banerjee-13004621a](https://www.linkedin.com/in/sayan-banerjee-13004621a)

📞 +91 9475979608

📄 [sayan112207.github.io/](https://github.com/sayan112207)

🐙 [github.com/sayan112207](https://github.com/sayan112207)

## EDUCATION

### Bachelor of Technology

Kalinga Institute of Industrial Technology

09/2021 - Present

CGPA: 9.01

Courses

- Computer Science and Engineering

### All India Senior School Certificate Examination

Sri Chaitanya Techno Schools

04/2019 - 03/2021

Percentage: 94%

### All India Secondary School Examination

St. Patrick's Higher Secondary School

04/2018 - 03/2019

Percentage: 93%

## WORK EXPERIENCE

### Machine Learning Researcher

KIIT Robotics Society

09/2022 - Present

Tasks

- Worked with researchers for ML Model of Wine Classification.
- Preparing well-structured drafts using CMS.
- Team Lead of Content Writing department at KRS.

### Core Member

AISoC

01/2023 - Present

Tasks

- Created and implemented lesson plans based on solely research based.
- Worked as a productive and positive team member to design, code, test, report, and debug operations.

### Competitive Programming

Kindle

12/2021 - 02/2023

Tasks

- Participate in various coding contests.
- Collaborated with other developers to modify our website.
- Contributed in the app development process of the company.

## VOLUNTEER EXPERIENCE

Youth Red Cross KIIT (11/2022 - Present)

Activist and Content Writer

Nai Disha Free Education Society. (04/2015 - 03/2018)

Student Volunteer

## SKILLS

C++

C

Python

Java

Data Structures

Algorithm

HTML

CSS

JavaScript

Problem Solving

Machine Learning

Object Oriented Programming

## PERSONAL PROJECTS

### Car Price Prediction

- It is a Machine Learning Project based on Linear Progression model which predicts the sales and the prices of the car based on previous costs of the models built. It is developed using Python on Jupyter Notebooks. <https://github.com/sayan112207/Car-Price-Prediction>

### Forest Fire Prediction

- A Web-App to predict Forest Fires using a Logistic Regression Model based on the parameters such as Oxygen Level, Humidity Level and Temperature. <https://github.com/sayan112207/Forest-Fire>

### Mask Detector Model

- This project aims to use modules such as OpenCV and Tensorflow to build a ML model to build a face detector and a mask detector model. <https://github.com/sayan112207/Mask-Detector-Model>

## CERTIFICATES

Software Engineering Virtual Experience (07/2022)

JPMorgan Chase & Co.

Developer Program (02/2022)

Accenture

Machine Learning (03/2023)

Coursera

Applied Python (12/2022)

Udemy

Problem Solving (08/2022)

HackerRank

Software Development Trainee (04/2022)

AMCAT

## PUBLICATIONS

Efficient Waste Collection and Filtration using IOT- IJSREM (04/2023)

A research based paper based on the implementation of Smart Dustbin using IoT and improving previous models present in the market today. Collaborated with three other friends of mine to write this paper. DOI: 10.55041/IJSREM17403 <https://ijsrem.com/download/efficient-waste-collection-and-filtration-using-iot/>