

ARJUN KUMAR GHOSH

ECE Undergraduate

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[GitHub](#) | [Linkedin](#) | [LeetCode](#) | [Portfolio](#) | [CodeChef](#)

EDUCATION

Netaji Subhash Engineering College

Bachelors in Technology Electronics & Communication

CGPA: 9.13 Percentile

Kolkata

Oct/2020 - June/2024

Kalna Maharaja's High School

10+2 Science

Percentage: 90.2%

Kalna

2018 - 2020

EXPERIENCE

Google Developer Student Club(NSEC) | Competitive programming team member Kolkata | Oct 2022 - jun 2023

- As a member of the competitive programming team at **GDSC NSEC**, I worked with my teammates to develop **optimized** coding solutions in more than 3 events .
- Organized various **coding contests** for our college students.

SKILLS

Programming Languages: C++, C, Python, HTML, CSS, JS

Libraries/Frameworks: Tensorflow, scikit-learn, Flask

Tools / Platforms: Figma, Git, Github

PROJECTS / OPEN-SOURCE

Churn Rate Prediction Model | [Link](#)

Python, Tensorflow, Numpy, Pandas

- This consumer prediction model uses **Artificial Neural Networks (ANNs)** to analyse and extract significant patterns from massive amounts of customer data using Python, **TensorFlow**, **NumPy**, and **Pandas**.
- The model effectively trains and enhances the ANN architecture using **TensorFlow** to predict if the customer of any certain bank will leave its services or not
- Reached a remarkable accuracy of around **85%**. This indicates the model's efficacy and its capacity to provide precise forecasts based on the available data.

Real-estate price viewer | [Link](#)

Python(Flask Api) ,CSS ,HTML ,JS

- This project features a machine-learning model for real estate price prediction, incorporating data preprocessing and evaluation using metrics like **MAE**, **MSE**, and **RMSE**.
- By integrating **Flask** with **scikit-learn** library, predicted price as requested by the frontend was sent to the **frontend** by exposing necessary API endpoints.

CERTIFICATIONS

- IOT WITH RASPBERRY PI AND DATA VISUALIZATION - Academy of skill development**
- PYTHON PROGRAMMING & IT'S APPLICATION - ARDENT COMPUTECH PVT. LTD**

HONORS & AWARDS

Solved 300+ problems in Leetcode

2 star rated in Codechef and participated in more than 50 contests.

Participated in Hack4Bengal 2.0