

RAJARSHI ROY

✉ royrajarshi0123@gmail.com

📍 Kolkata

🐙 github.com/Rajarshi12321

📞 8420999023

🌐 linkedin.com/in/rajarshi-roy-learner

EDUCATION

B.Tech in Computer Science and Engineering Kalyani Government Engineering College

08/2022 - Present

CGPA - 8.9 (Upto 4th Semester)

12th grade

Kendriya Vidyalaya NO.2 Ishapore

07/2020 - 07/2021

87%

PERSONAL PROJECTS

My Sweet Home (07/2023 - Present) [🔗](#)

- This is an **end-to-end project**.
- It **predicts** house prices **and recommends** similar housing properties from the database using content-based filtering.
- **House Price Prediction:** When predicting the accuracy of housing properties for **sale**, it is approximately **90%**, whereas for **rental** properties, it is about **70%**.
- **Property Recommendation:** Along with the house price predictions users will also get a list of **6 most similar** properties that match the given criteria and also show the **average percentage of cosine-similarity** for those 6 recommended properties.

Customer Churn Prediction (08/2023 - 11/2023) [🔗](#)

- This Customer Churn Prediction Flask app is designed to **predict customer churn** through a trained model with **90% accuracy**.

Akshar-Website (08/2023 - 08/2023) [🔗](#)

- This is a website intended to support and promote our initiatives of **Aakshar**.
- I was responsible for building the backend server of this project using **expressjs** and **mongodb**.
- I have deployed this project on [vercel](#).

House Prices Scraped (06/2023 - 07/2023) [🔗](#)

- This project focuses on **scraping features of houses** from Magicbricks.com using **SCRAPY** and **SELENIUM**.
- The **goal** is to **scrape this data and generate a dataset** to analyze the housing prices and also make House price **predicting models based on real and recent scraped data**.

WORK EXPERIENCE

Web Development Intern

GDSC KGEK

04/2022 - 08/2022

Achievements/Tasks

- I worked as an intern in the web development team.
- I helped in building a few websites during KSOC.

SKILLS

Data Analytics

Data Science

Data Visualization

Git and Github

Looker

Machine Learning

MS Excel

Numpy

Pandas

Python

Scikit Learn

Scrapy

Selenium

SQL

Tableau

Web Scraping

ACHIEVEMENTS

Winner of Smart India Hackathon 2022 (08/2022 - 08/2022)

We, the team BRAINCELLS had won in the grand finale of Smart India Hackathon 2022 after working for 36 hours straight with our team members and mentors.

CERTIFICATES

Machine Learning Specialization Course (12/2022 - 03/2023) [🔗](#)

In this course, I studied modern machine learning concepts, including supervised learning (linear regression, logistic regression, neural networks, decision trees), unsupervised learning (clustering, anomaly detection), recommender systems, and reinforcement learning

Mathematics for Machine Learning (12/2022 - 03/2023) [🔗](#)

In this course learned how to represent data in a linear algebra context and manipulate these objects mathematically, solve optimization problems, and use this skill to train models for describing data such as simple neural networks.

Google Data Analytics Specialization (10/2021 - 01/2022) [🔗](#)

In this course I learned how to clean, analyze and present data for better decision making.