

RAJARSHI ROY

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🌐 <https://github.com/Rajarshi12321/>

📍 Barrackpore, India

in [rajarshi-roy-learner](#)

🔗 https://rajarshi12321.github.io/rajarshi_portfolio/

EDUCATION

B.Tech - CSE

Kalyani Government Engineering College, Kalyani

📅 08/2021-present

8.9 cgpa
(upto 4th sem)

WORK EXPERIENCE

Data Science Intern

CodesOnBytes

📅 Jan-Feb 2024

📍 Remote

Web Development Intern

GDSC KGECE

📅 Apr-Aug 2022

📍 Remote

PERSONAL PROJECTS

Anidex (Aug-Nov 2023)

→ Anidex is a **real-life pokedex** for knowing about animals on the spot by **scanning or clicking a picture of the animal**.

→ Then the app will respond to which **possible animal** is it **with a few basic details** in both text on screen and as a **voice message** like any voice assistant.

My Sweet Home (Jul-Nov 2023)

→ 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..

Akshar-Website (Aug-Aug 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 (Jun-Jul 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

TECHNICAL STACK

Data Science / Machine Learning / Deep Learning

Python, Data Visualisation, Supervised learning algos, Unsupervised Learning algos, EDA, Feature engineering, Feature selection & extraction etc.

Mathematics for ML & DL

Algebra, Probability, Statistics, Calculus, Matrices.

Python packages and Frameworks

Scikit-Learn, Tensorflow, Keras, NumPy, Pandas, SciPy, Beautiful Soup, Scrapy.

Web Development

Html, CSS, Flask, Django, Javascript, figma.

Programming languages

Python, JavaScript, SQL, NoSQL, HTML, CSS.

Databases

Mysql, Mongodb, Postgresql

ACHIEVEMENTS

Winner of Smart India Hackathon 2022

Smart India Hackathon, Aug 2022

CERTIFICATIONS

Machine Learning Specialization Course

Coursera, Mar 2023

Mathematics for Machine Learning

Coursera, Mar 2023

Google Data Analytics Specialization

Coursera, Jan 2022

SOFT SKILLS

- Fast Learner
- Leadership
- Optimistic
- Problem Solving
- Communication Skills
- Time Management