

# PRAGATI CHATTERJEE

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## EDUCATION

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### International Institute of Information Technology

Bachelor of Technology in Computer Science and Engineering, Third year

CGPA:8.05 (upto 4th semester)

Bhubaneswar, Odisha

Nov 2022 – Present

### DAV Public School

12th(Percentage:96.16)

Jharsuguda, Odisha

2019 – 2021

### Kendriya Vidyalaya

10th(Percentage:94.2)

Jharsuguda , Odisha

2018-2019

Coursework: Data Structures, Algorithms, OOP, DBMS, Machine Learning

## EXPERIENCE

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### Artificial Intelligence Intern

INFOSYS SPRINGBOARD 5.0

August 2024 - Present

India

- Completed the coursework of Artificial Intelligence and got certified with AI Primer certificate and Generative AI certificate

-Preparing a machine learning model on Electricity Demand and Price forecasting.

This project focuses on multivariate time series forecasting by combining energy consumption data from various sources with weather metrics .

The aim is to predict energy generation based on the influence of weather conditions

## PROJECTS

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### BOOK RECOMMENDATION SYSTEM | *Pandas, Numpy, Flask, Pickle, HTML, Pycharm* | [Link](#)

- Implemented a Content-Based filtering and collaborative filtering methods that implements dataset description, data preprocessing using numpy and pandas library and performs EDA. Utilised HTML, CSS, Bootstrap for Frontend Development enabling visual representation of recommended books. FLASK and PICKLE frameworks are used for better accessing of dataset

### OLYMPIC DATA ANALYSIS PROJECT | *Pandas, Numpy, Streamlit, Matplotlib, Plotly, Seaborn* | [Link](#)

- This project uses machine learning techniques to analyse historical Olympic data following the patterns , trends and insights of the games .The main objectives of this project is data preprocessing , Exploratory Data Analysis(EDA) Medal Tally Analysis, Country-wise Analysis and Athlete-wise analysis . It also includes interactive visualizations with Streamlit and uses Plotly and Seaborn for Olympic Data Visualization.

## TECHNICAL SKILLS

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Programming Languages: Java, Python, C/C++, JavaScript, HTML/CSS, SQL

Frameworks: Flask, Pickle, TensorFlow, Google Gemini-Pro, open AI

Developer Tools: Git/Github, Visual Studio, Jupyter, Canva, Google-Collab, Codeblocks

Libraries: pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

Others: DBMS, Problem Solving, Project Management, Leadership, Teamwork, Public Speaking, Analytical Thinking

## ACHIEVEMENTS

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-INFOSYS SPRINGBOARD 5.0: Completed the coursework of Artificial Intelligence and got certified with AI primer certificate and Generative AI certificate.

- PARTICIPATED IN FLIPKART GRID 6.0

- SIH HACKATHON 2024: Participated in SIH Hackathon 2024 and got selected in the college level hackathon.