Aranya Jana

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About Profile

As a fresher, equipped with a robust skill set in **Python**, **JavaScript**, **MySQL**, **HTML**, and **CSS**, combined with a strong foundation in **machine learning**, including hands-on experience with key Python libraries such as **NumPy** and **Pandas**. Proficient in tackling complex data challenges and developing innovative solutions. Eager to leverage software development skills and machine learning expertise to contribute effectively to the team.

Technical Skills

Languages: Python, JavaScript, C, HTML/CSS, MySQL, SQL

Expertise/Learner: Machine Learning, MERN Stack

Analysis and Visualization: NumPy, Pandas, Scikit-Learn, Matplotlib, Plotly

Technologies/Frameworks: Django, Node.js, React.js, GitHub, WordPress

Developer Tools: VS Code, Jupyter Notebook, Google Colab, Kaggle, CMD

Relevant Coursework

- Machine Learning
- Data Structures
- Classification Algorithms
- Database Management
- Artificial Intelligence
- Systems Programming
- Object Oriented Programming

Projects

- **Flight Price Prediction** | *Python, Pandas, scikit-learn, Kaggle* — **July 2024 - Present**

- **Credit Card Default Prediction** | *Python, Pandas, scikit-learn* — **June 2024 - Present**

- **Stock Market Predictions Using Linear Regression** | *Python, Pandas, scikit-learn* — **June 2024**

- **Heart Disease Prediction Using Logistic Regression** | *Python, Pandas, scikit-learn* — **June 2024**

- **Movie Ticket Booking System (MERN)** | *MongoDB, React, Node.js, HTML, CSS* — **February - March 2024**

- **Weather Forecast** | *Python, APIs* — **July 2024**

Certificates

- **Machine Learning with Python (with Honors)** — **2024**
  -IBM

- **Full Stack Development** — **2024**
  -ARDENT

- **Responsive Website Development and Design Capstone** — **2023**
  Goldsmiths, University of London

- **30 hours Training Programme on Python Programming** — **2023**
  -Euphoria

- **Object-Oriented Data Structures in C++** — **2022**
  -University of Illinois at Urbana-Champaign

- **Writing Skills for Engineering Leaders** — **2021**
  -Rice University

Education

CSE (AI & ML)   **2021–2025**
Narula Institute of Technology - B.Tech

- CGPA: 7.49

WBCHSE (Science)   **2019–2021**
Egra Jhatulal High School - 10th + 2

- Percentage: 94.6%
- 96 in Mathematics

WBBSE   **2019**
Gyandeep Vidyapith - 10th

- Percentage: 88.27%
- 100 in Mathematics

Languages

- **English**   **Fluent**

- **Hindi**   **Fluent**

- **Bengali**   **Native**

Interests

- Singing

- Cricket playing

- Traveling