

Gopal Dutta

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Summary

Enthusiastic learner with experience in **Data Analysis, Machine Learning, and Data Visualization**. Adept at using **Python, its framework, libraries and MySQL** to analyse data and build robust model. Committed to driving success and delivering high-quality results in data-driven projects. Adept at uncovering patterns and trends in data with strong problem-solving abilities.

Education

NAME OF THE COURSE	SESSION YEAR	UNIVERSITY/ INSTITUTE	GRADE (PERCENTAGE)	REMARKS
B.TECH (Computer Science And Engineering)	2021-2025	DRONACHARYA COLLEGE OF ENGINEERING (GURGAON)	PURSUING	PURSUING
C.B.S.E (CLASS XII)	2020-2021	P.S.M Public School (DELHI)	90 %	PASSED
C.B.S.E (CLASS X)	2018-2019	P.S.M Public School (DELHI)	92%	PASSED

Trainings

1. **Kenstel Networks Limited**

Software Engineer || February 2025 - March 2025 || New Delhi
Maintained Firmware using Python, MongoDB

2. **DevSkill Hub**

Data Scientist || August 2024 – October 2024 || Remote

Developed Facial Recognition System.

3. **Novanector Services Pvt. Ltd.**

Data Scientist || June 2024 – July 2024 || Remote

Developed Product Recommendation System.

Key Projects

Product Recommendation System

- **Description:** Developed a machine learning model to recommend products based on user search.
- **Technologies Used:** Python, Scikit-Learn, Pandas, BeautifulSoup.
- **Outcome:** Increased recommendation efficiency based on keyword.

Facial Recognition System

- **Description:** Created a real-time face detection system.
- **Technologies Used:** Python, TensorFlow, OpenCV, Machine Learning.
- **Outcome:** Detect and recognize faces with efficiency.

Solar Panel Efficiency Prediction Model:

- **Description:** This project is a ****machine learning pipeline**** designed to predict the efficiency of solar panels based on sensor and operational data
- **Technology Used:** Python (Pandas, Numpy), scikit-learn, Machine Learning, Matplotlib
- **Outcome:** Helps to optimize solar panel performance, anticipate maintenance needs, and improve energy yield by providing accurate efficiency predictions so operators maximize output and plan maintenance.

Certification/Courses

Python: Young Python Professional by, June 2024

C: C for Everyone by Coursera, June INFOSYS 2022

C: Spoken Tutorials by IIT Bombay, March 2022

Skills & Interests

Skills: Python (Pandas, Numpy), Machine Learning, Data Visualization, Data Analysis, HTML, CSS.

Database: MySQL.

Tools & Software: VS Code, Jupyter Notebook, Excel, PowerPoint, Tableau.

Soft Skills: Analytical Thinking, Problem-Solving, Statistical Analysis, Communication Skill, Team Leadership, Good Listener, Self-Motivator.

Interests: Cricket, Football, Badminton, Singing, Travelling.

Languages

- **English:** Intermediate
- **Hindi:** Fluent
- **Bengali:** Intermediate

Strengths

- Teamwork & Collaboration
- Confident Speaker
- Decision Making