



UTTAM KUMAR SAHOO

Roll No.:21cse566

B.Tech – Computer Science and Engineering

GIET University, Gunupur

Data Scientist

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[Github](#)

[Portfolio](#)

[Linkedin](#)

Education

Degree/Certificate	Institute/Board	Year
B.Tech	GIET University, Gunupur	2021-Present
Senior Secondary	Mount Litera Zee School, Jajpur Road	2019-21
Matriculation	St. Joseph's School, Pallahara	2019

Technical Skill

- **Programming Languages:** Python, Java, SQL, Basic C
- **Tools:** Github, Git, GCP, Google Sheets, Google-Colab, Jupyter-Notebook
- **Python Libraries:** Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, Keras, Pytorch, Tensorflow, Streamlit
- **Database Management and Visualization:** Excel, MySQL, Power BI*, Tableau*. * *Elementary proficiency*
- **Working Upon:** Machine Learning, Generative-AI, Computer Vision

Projects

• Fuel Consumption Model

Feb. 2024

Self Project.

[Github](#)

- Developed a FastAPI-based model to predict fuel consumption using engine size and cylinders.
- Utilized a pre-trained machine learning model for accurate predictions.
- Implemented data validation and settings management with Pydantic.
- Integrated interactive API documentation using Swagger UI.

• DATACHAT Web Application

Nov. 2023

Self Project.

[Github](#)

Python, Streamlit, Pandas-Profiling-Report, Gemini-API

- Created DATACHAT to simplify data preprocessing and analysis.
- Utilized Streamlit and Pandas Profiling for visual reports.
- Implemented chatbot using Gemini-API and computer vision for image analysis.
- Enhanced user experience with versatile data analysis tools and a user-friendly interface.

• Iris Flower Classification Model and Deployment

August. 2023

Self Project.

[Github](#)

- A Developed a machine learning model for Iris flower classification using Python and Scikit-Learn, achieving 95% accuracy.
- Serialized the model with Pickle and deployed it using Streamlit.
- Conducted a workshop to demonstrate the project and deployment process for GDSC Club

Experience

Intern At NALCO

June 2023 – July 2023

National Aluminium Company Limited.

Angul, Odisha

- Learnt about Pandas and Numpy library and its usage.
- Collected, Cleaned and Preprocessed data from Nalco employees dataset to conduct exploratory data analysis and uncover insights
- Explored ways to visualize my Data to showcase Employees

Google Developer Student's Club, GIETU

Apr 2022 – Present

Data Science Domain Lead

Gunupur, Odisha

- Organised workshops and events to teach Machine Learning and Data Science to students.
- Planned and executed various events, including coding competitions, fun sessions during Srujan-Fest 2.0
- Promoted events and workshops through social media, LinkedIn and campus channels, increasing student participation and club membership.