Uttam Kumar Sahoo

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EDUCATION

Gandhi Institue Of Engineering and Technology — Gunupur, Odisha
Bachelor of Technology in Computer Science — *Nov 2021 – May 2025*

Mount Litera Zee School — Jajpur Road, Odisha
+2 in Science — *2019-2021*

EXPERIENCE

Intern At NALCO — June 2023 – July 2023
National Aluminium Company Limited. — *Angul,Odisha*
- Learnt about Pandas and Numpy library and it's 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.
- Created promotional content for events, increasing student participation and engagement.
- Provided technical support and guidance to members during projects and competitions.

Data Science Club, GIETU — April 2023 – Present
Campus Lead at DSC Club — *Gunupur, Odisha*
- Conducted multiple workshops on Python programming, teaching basics to advanced concepts to over 80 students along with mentoring them for basic projects.
- 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.

PROJECTS

DATACHAT | *Python, Streamlit, Pandas-Profiling-Report, Gemini-API* — Jan 2024 – March 2024
- Created DATACHAT Application to simplify data preprocessing and analysis.
- Utilized Streamlit, and Pandas Profiling for generating visual reports with charts, graphs, and summaries.
- Implemented a chatbot feature using Gemini-API for user interaction and computer vision for picture analysis
- Enhanced user understanding and interaction with versatile data analysis tools and user friendly application

Data Scientist Salary Prediction | *Pandas, Numpy, Matplotlib, Seaborn, Sk-learn* — Nov 2023 – Dec 2023
- Developed a machine learning model to predict data scientist salaries using features like experience, education, and location.
- Performed exploratory data analysis (EDA) to identify key trends and correlations.
- Implemented and evaluated various algorithms, selecting the best model through cross-validation. Assessed model accuracy using metrics like RMSE, MAE, and R^2 score.
- Created interactive visualizations and a dashboard to present findings and model predictions to stakeholders.

TECHNICAL SKILLS

Languages: Python,Java, Javascript, HTML/CSS
Tools: Github, Google Cloud Platform,Google Sheets, Google-Colab, Jupyter Notebook
Libraries: Pandas, NumPy, Matplotlib, Scikit-learn, Tensorflow, Seaborn, Streamlit, OpenCv
Technical Skills: MS Excel, SQL, Data Structures and Algorithms, Machine Learning, Generative-AI, Computer Vision