

Nilesh Ranjan Sahu

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SKILLS

Languages:	Java, Python, SQL, R, C++
Frameworks/Libraries:	Pandas, Plotly, Streamlit
Tools/Platforms:	MySQL, Linux, Git, GitHub, Tableau, Tableau prep
Soft Skills:	Problem-Solving, Adaptability, Quick Learner

PROJECTS

GDP Analysis	May' 2024 -Jun' 2024
<ul style="list-style-type: none">Analysed GDP per capita using Python to evaluate economic performance, growth trends, and living standards, providing insights into a country's economic healthUtilized Python libraries (Pandas, Plotly, Streamlit) for data preprocessing, statistical analysis, and visualization;calculated GDP per capita; developed interactive dashboards to present trends effectively.Enhanced Python programming, data manipulation, and visualization skills; strengthened analytical abilities in interpreting economic indicators and deriving actionable insights.	
Stress Level Detector	Aug' 2024 - Nov' 2024
<ul style="list-style-type: none">Developed "Sa Yo Pillow," a smart pillow leveraging a decision tree ML model on Streamlit to achieve 96% accuracy in real-time stress prediction by analyzing physiological changes and sleep habits.Built an ML model with robust preprocessing, integrated sensor data, and created a user-friendly Streamlit interface for monitoring stress levels and managing data accessibility.Enhanced skills in machine learning, real-time data analysis, and dynamic interface design while applying AI to health-focused solutions.	

SUMMER TRAINING

GeeksForGeeks Complete Machine Learning And Data Science Program	Apr' 2024 – Jun' 2024
<ul style="list-style-type: none">Developed expertise in machine learning algorithms, time series forecasting, and data preprocessing techniques for real-world applications.Gained hands-on experience in building, evaluating, and optimizing ML models using Python, Scikit-learn, and visualization tools like Matplotlib and Seaborn.	

CERTIFICATES

Cloud Computing NPTEL	Oct' 2024
Complete Machine Learning And Data Science program GeeksForGeeks	Jun' 2024
Artificial Intelligence Foundation Linkedin	Apr' 2024
R Programming Coursera	Apr'2024
Excel Skills for Data Analytics and Visualization Specialization Coursera	Mar'2024

EDUCATION

Lovely Professional University	Phagwara, Punjab
Bachelor of Technology	Pursuing
Computer Science and Engineering; CGPA: 7.97	
Pragati Science Higher Secondary School	Bhawanipatna, Odisha
Intermediate	Mar' 2020 – May' 21
PCM; Percentage: 78%	
Board of Secondary Education	Bhubaneswar, Odisha
Matriculation	Mar' 2018 – May' 2019
Percentage: 72%	