

TAPAS RAY

Data Science & Analytics

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SUMMARY

I am a recent graduate with a keen interest in applying my academic knowledge in data science to real-world scenarios. My educational background in Computer Science, combined with project experience in machine learning and data visualization, has equipped me with strong analytical skills. I'm passionate about leveraging technology to provide insights that drive informed business decisions.

EDUCATION

M.Sc. in Computer Science

UTKAL UNIVERSITY

📅 09/2022 01/1970

B.Sc. in Computer Science

SAMBALPUR UNIVERSITY

📅 08/2018 09/2021

CERTIFICATION

Data Fundamentals

Data Fundamentals by IBM SkillBuild.

Artificial Intelligence Fundamentals

Artificial Intelligence Fundamentals by IBM SkillBuild.

Data Visualization with Power BI

Data Visualization with Power BI by Great Learning.

SKILLS

Python

HTML

CSS

JavaScript

SQL

NoSql

Github

Data Science

Machine Learning

Artificial Intelligence

Data Manipulation

Data Visualization

Microsoft Excel

Microsoft Power BI

jupyter notebook

VS Code

Scikit-Learn

TensorFlow

Netlify

Decision tree

Random Forest

Statistical Analysis

Natural Language Processing

Matplotlib

Seaborn

Pandas

Numpy

PROJECTS

Resume Screening App

📅 09/2024 10/2024

A project aimed at increasing knowledge about Python libraries, NLP, and machine learning.

- Developed an application that analyzes resumes to determine the position being applied for in the IT sector.
- Utilized technologies such as Python, Scikit-learn, and Streamlit.
- Employed data visualization tools like Seaborn and Matplotlib.

Credit Card Fraud Detection Using Machine Learning

📅 03/2024 05/2024

A project to assess the accuracy of ML models on credit card transaction data.

- Evaluated three machine learning models to determine their effectiveness in identifying fraudulent transactions.
- Employed scikit-learn, NumPy, and Pandas for model development and data manipulation.
- Visualized data using Seaborn and Matplotlib.