PIYUSH KUMAR

B.Tech. | NIT Rourkela

Final Year, Ceramic Engineering
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Education

2021-2025
B.TECH., CERAMIC ENGINEERING
NIT Rourkela
CGPA: 7.14/10

May 2020
INTERMEDIATE
The Aryan International School, Varanasi
Percentage:76.5%

April 2013
MATRICULATION
Central Hindu Boys School, Varanasi
Percentage:76%

Links

LinkedIn:// **PIYUSH KUMAR**
Github:// **PIYUSH KUMAR**
HackerRank://**PIYUSH KUMAR**

Skills

LANGUAGES AND LIBRARY
Python,SQL,C++
NumPy,Pandas,Matplotlib,Seaborn,Plotly

VISUALIZATION TOOLS
Power BI,Amazon QuickSight,Tableau

DATABASES
MySQL,PostgreSQL,Hive SQL

OPERATING SYSTEMS
Windows, MacOS

OTHERS
Advanced Excel,ETL,Jupyter Notebook
VS Code,AutoCAD,UI/UX Design
Adobe Illustrator,Canva

Relevant Courses

Python 101
Data Analysis & EDA
Business Analysis
Data Interpretation
MySQL,PostgreSQL
AWS QuickSight
Database Management System
Data Visualization and Processing
Machine learning
Customer Acquisition

Work Experience/Projects

May24- July24 **Summer Internship** **Prism Johnson**
- Analyzed raw data from multiple experiments on battery flame arrestors, resulting in a significant 16% improvement in product efficiency.
- I used NumPy and Excel, including pivot tables, to analyze and organize data, leading to process improvements.

Oct 2024 **Movie Recommendation System | ML** **Project**
- I developed a content-based movie recommendation system utilizing Python, Pandas, NumPy, and machine learning libraries such as Scikit-Learn and Surprise, based on a dataset of 5,000 movies.
- Focused on genre and cast while analyzing and preprocessing data for a movie recommendation model, enhancing accuracy through feature selection and parameter tuning with Scikit-Learn.

Aug 2024 **E-Commerce Sales Analysis** **Project**
- Conducted analysis of 100,000 orders (2016-2018) for Target Brazil using SQL and Python.
- Analyzed order processing, pricing, shipping, customer demographics, and satisfaction to uncover insights for strategic decisions.

Aug 2024 **EDA on the Titanic Dataset** **Data Analytics**
- Conducted in depth EDA on the Titanic dataset using Python, Jupyter Notebook, Matplotlib, and Seaborn, identifying key survival factors.
- Discovered a 33% overall survival rate, with higher survival rates for females, first-class passengers, higher fare payers, and those who embarked at 'C'.

Achievements/Certifications

Jul 2024 **SQL HackerRank** **Certificate**
Demonstrated proficiency in SQL by successfully completing all three HackerRank SQL assessment types.

Sept 2024 **AWS QuickSight** **Certificate**
Completed the AWS QuickSight course, creating two interactive dashboards that improved data accessibility, streamlined visualizations, enhanced analytical reporting, and delivered actionable insights.

2022-2023 **87th Annual session, CSIR KOLKATA** **Winner**
Contributed to my team's best student chapter award consecutively for the 2ND time at CSIR-CGCRI, Kolkata.

Extra Curricular Activities

Apr 2023 **Event Manager (Core Team)** **MRITTIKA 2.0**
Lead Organiser managing operations, logistics, and sponsor ships for National Conference MRITTIKA 2.0 with over 300 registrations and 50+ PPT presentations.

Nov 2022 **Event Manager (Core Team)** **INNOVISION**
Lead Organizer for Eastern India's largest Techno-Management fest, coordinating 50+ events with 2500+ registrations for successful execution.