SNEHA SHARMA

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EDUCATION

National Institute of Technology, Jamshedpur   Adityapur, Jamshedpur

Bachelor of Technology in Engineering & Computational Mechanics [GPA: **8.25**]   *Aug* 2024 – 2028

RELEVANT COURSEWORK

- **Data Structures**
- **Python**
- **Data Analysis**
- **Matplotlib**
- **Tableau**
- **SQL**

COURSES & CERTIFICATIONS

Google Advanced Data Analytics   **Google – Coursera**

- **Foundations of Data Science**
- **Get Started with Python**
- **Go Beyond the Numbers: Translate Data into Insights**
- **The Power of Statistics**
- **Regression Analysis: Simplify Complex Data Relationships**
- **The Nuts and Bolts of Machine Learning**
- **Google Advanced Data Analytics Capstone Project**

GitHub Foundations - Professional Certificate   **Github**

PROJECTS

Netflix Analysis Dashboard   [*Tableau, Pandas, Numpy*]
- Analyzed **Netflix** user data from **public repositories** to attain insights about **top performing shows**.
- Created an interactive insight-based dashboard using **Tableau** to present **data-driven** findings.
- Utilized python libraries such as **Pandas & Numpy** to explore & manipulate data to derive insights.

Customer Experience Data Analysis   [*SQL, Pandas, Matplotlib*]
- Performed end-to-end **EDA** using **Python (Pandas, Matplotlib)** to uncover customer behavior patterns, and **churn** trends.
- Leveraged **SQL** (SQLite) for demographic-wise cohort analysis and advanced data aggregation to support retention strategy insights.
- Developed insightful **multi-subplot visualizations** (bar, line, and pie charts) to illustrate retention patterns and demographic trends.

Resume Compatibility Scoring Web App   [*Streamlit, Google Generative AI, HTML/CSS*]
- Built a **Streamlit** web app to evaluate resume-job description compatibility using **Gemini API**.
- Implemented **PDF parsing**, keyword matching, and score visualization using **Plotly**.
- Produced **measurable scores** and **insights** including strengths, weaknesses, and improvement tips.

SKILLS

Programming Languages   : **Python**, **C++** (**Data Structures & Algorithms**)
Libraries & Frameworks   : Numpy, Pandas, SQL, Scikit-Learn, Matplotlib, Streamlit & Git.
Familiar Software   : Tableau, Kaggle, Jupyter, Powerpoint, Excel.