SANIA ALI

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SUMMARY

Dedicated Computer Science student proficient in C++, Python, and web development, with strong expertise in machine learning and data analysis. Passionate about applying technical skills to develop innovative software solutions and impactful real-world applications.

EDUCATION

Pranveer Singh Institute of Technology, Kanpur, Uttar Pradesh	2021-2025
Computer Science	GPA: 8.16
Nav Jeevan Mission School, Kasia, Uttar Pradesh	2021
Intermediate	Percentage: 72.8%
Nav Jeevan Mission School, Kasia, Uttar Pradesh	2019
High School	Percentage: 87.2%

PROJECTS

Nursery Plant Shopping Website GitHub —

- Contributed to a user-friendly e-commerce platform for a plant nursery using **HTML, CSS, JavaScript and React.js.**
- Integrated responsive design techniques to optimize user interaction and accessibility.

Predicting Airline Ticket Prices with Machine Learning GitHub —

- Created a machine learning model using **RandomForestRegressor** to predict airplane prices based on various features (airline, source, destination, duration, etc.) and achieved an accuracy score of approximately 80%.
- Employed **data preprocessing techniques and feature engineering** to enhance model performance.
- **Technologies used:** Python, Pandas, NumPy, Scikit-learn, Matplotlib

Sentiment Analysis of Social Media Data for Brand Reputation Management

- Developed a machine learning model to analyze social media sentiments, classifying customer opinions as positive, negative, or neutral. Implemented data preprocessing, NLP techniques, and sentiment classification to help brands monitor and improve their reputation.

SKILLS

- **Programming Languages:** C, C++, Python
- **Web Development:** HTML, CSS, Bootstrap, JavaScript, React.js, Node.js
- **Databases:** MySQL
- **Tools and Frameworks:** Jupyter Notebook, Pandas, NumPy, Matplotlib, Seaborn, Git, MS Excel, Google Docs

CERTIFICATIONS

- **Learn CCNA 200-301 Network Fundamentals Online** - Simplilearn - SkillUP
- **The Complete Full-Stack Web Development Bootcamp** by Udemy
- **Introduction to Cyber Security** - Simplilearn - SkillUP
- **Introduction to Data Analytics** by IBM - Coursera
- **Supervised Machine Learning** by Deeplearning.ai - Coursera
- **Core Python for everyone** - Udemy
- **Programming Fundamentals using Python Part1 & 2** - Infosys Springboard
- **Bootstrap** - Infosys Springboard
- **Database Management System Part-1 & 2** - Infosys Springboard

RELEVANT COURSEWORKS

- Object-Oriented Programming
- Computer Networks
- Database Management System
- Operating System
- Data Structures and Algorithms

ACCOMPLISHMENTS

- Attended International Conference on Cryptology, Network Security with Machine Learning (2022)
- Completed **400+ Leetcode** Questions based on DSA.