

SHREYA SINGH

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SUMMARY

Enthusiastic and adaptable Computer Science student with strong problem-solving and analytical skills. Skilled in programming and eager to learn and apply new technologies to create effective solutions while continuously growing as a learner.

EDUCATION

Kalinga Institute of Industrial Technology
Bachelor of Technology in Computer Science

2022 - 2026
CGPA: 8.11

EXPERIENCE

Trainee – Vocational Training
National Aluminium Company Limited (NALCO), Angul, Odisha

June 2025 – July 2025
[View Certificate](#)

- Completed a 1-month vocational training at Coal Mines Operation unit.
- Worked under the guidance of an assigned mentor from NALCO.
- Developed a project titled “*Mine Safety Alert System*”, a mobile + backend solution for real-time reporting and tracking of mining safety hazards.

PROJECTS

Mine Safety Alert System

Tech Stack: Flutter, Django, REST API

- Developed during my 1-month vocational training at NALCO, Angul, as a mobile + backend solution for real-time reporting and tracking of mining safety hazards
- Enabled employees to log in, submit alerts (issue type, department, description), and track status updates
- Designed an admin dashboard to view alerts, monitor statistics, and mark issues as resolved
- Developed RESTful APIs in Django for authentication, alert management, and issue resolution

Weather Forecast Mobile App

Tech Stack: Flutter, Dart, Open-Meteo API

- Built an app to display real-time weather updates, including current temperature, humidity, and hourly and weekly forecasts, using the Open-Meteo API
- Integrated dynamic location-based city name fetching by leveraging the Flutter location package and OpenCage geocoder API
- Designed a responsive UI reflecting weather conditions

Movie Recommendation System

Tech Stack: Python, Pandas, Scikit-learn

- Built a content-based recommendation system suggesting movies based on genre and user preferences
- Used pandas for data handling and scikit-learn's TF-IDF Vectorizer to compute movie similarities
- Implemented a streamlit interface to input a movie and view top 5 similar recommendations

SKILLS

Languages: C/C++, Python, Dart

Libraries/Frameworks: Flutter, Django, Pandas, NumPy, Scikit-learn, Matplotlib

Database: SQL

Developer Tools: VS Code, GitHub, Jupyter Notebook

SKILLS ACQUIRED FROM COURSES

Data Structures, Object Oriented Programming, Database Management System, Operating System, Computer Network, Cloud Computing

CERTIFICATES

- **Kaggle:** Python – Certificate
- **Simplilearn:** C++ – Certificate

- **DataCamp:** SQL – Certificate