Sagar Singh

Linkedin: linkedin.com/in/sagar-singh/ Email: sagarsinghatwork@gmail.com
Github: https://github.com/connectwithsagar Mobile: +91-8528779293

SKILLS SUMMARY

- **Languages**: Java, C, Python, R
- **Frameworks**: HTML and CSS, Bootstrap
- **Tools/Platforms**: MySQL, Tableau, Excel, Power BI, Android Studio
- **Soft Skills**: Problem-Solving Skills, Team Player,

PROJECTS

Recipe Generator using RNN | *Python, RNN, ML Libraries* August 2025

- Developed a text generation model using Recurrent Neural Networks (RNN) trained on recipe datasets to generate new cooking instructions and meal ideas.
- Implemented data preprocessing and model training in Python (NumPy, Pandas, TensorFlow/Keras), enabling the model to learn sequential language patterns.
- Integrated with Google Colab and Drive for dataset management, model checkpoints, and reproducible experimentation

Weather Data Analysis | *Python, NumPy, Pandas, Matplotlib* August 2025

- Performed data wrangling and transformation using Panda's melt, merge operations, and NumPy for efficient numerical computations.
- Implemented Developed insightful visualizations using Matplotlib, including multi-line charts and heatmaps, to explore climate trends across regions.
- Normalized and cleaned city-level data to ensure consistent merging and eliminated common issues such as Mismatched casing or whitespace.

Snake Game | *JAVA(Swing/JavaFX)* February 2025

- Developed a classic Snake game with smooth movement, food consumption, and score tracking.
- Implemented game-over screen for enhanced user experience using Java Swing/JavaFX.
- Showcased skills in logic building, event handling, and basic game development.

Train Availability System | *Android (Kotlin, Retrofit, REST APIs)* April 2024

- Developed a dynamic railway transit application that enables users to search and view trains between selected source and destination stations using real-time data from Rapid API (IRCTC1).
- Integrated RESTful APIs using Retrofit to fetch and display train schedules, station details, and live route information in a clean, responsive UI
- Implemented detailed train info screens showing stop-wise schedules, timings, travel duration, and available classes, enhancing user experience.

CERTIFICATES

- GenAI for everyone April 2024
- Data Science: Foundations Using R March 2024
- Mastering Data Structures & Algorithms using C and C++ February 2024

ACHIVEMENTS

- Solve 100plus LeetCode problems

EDUCATION

- **Lovely Professional University** Phagwara, Punjab
  Bachelor of Technology - Computer Science and Engineering; CGPA: 7.37 *2022-2026*
- **Universal Public School** Chandauli, India
  Intermediate; Percentage: 77% *April 2019 - March 2021*
- **Swargiya Ramvilash Sikhshan Sansthan** Chandauli, India
  Matriculation; Percentage: 89% *April 2017 - March 2019*