SAGAR SHARMA

New Delhi, India

Contact details

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Professional Summary

Dynamic and results-driven professional with hands-on experience from IBM's AI training Program. Proficient in Python and machine learning, I excel in problem-solving and team collaboration. Successfully optimized models while enhancing my analytical skills, ready to leverage my expertise in AI to drive impactful solutions.

Education

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, INDIA | B. TECH | ECE | 2026
GOVERNMENT BOYS' SENIOR SECONDARY SCHOOL NO.1 | INDIA | 12TH PASS | 2021
GOVERNMENT BOYS' SENIOR SECONDARY SCHOOL | INDIA | 10TH PASS | 2019

Training

ARTIFICIAL INTELLIGENCE | INTERNATIONAL BUSINESS MACHINES | JUL2024-AUG2024

- Completed a training program in machine learning and deep learning conducted by IBM.
- Enhanced understanding of AI concepts and their practical applications in real-world scenarios.
- Collaborated with team members to optimize machine learning models.

Projects

OLA RIDE ANALYSIS: CUSTOMER BEHAVIOR & BOOKING TRENDS

- Analyzed 100K+ Ola ride records to uncover customer booking trends, ride cancellations and payment preferences using SQL and Python.
- Developed an interactive Power BI dashboard visualizing ride patterns, driver ratings and revenue insights to enhance business decision- making.

MYNTRA SALES ANALYSIS

- Performed data analysis on 3K+ product listings and 3.5K orders to uncover sales trends, customer behavior, and pricing strategies using Python and Excel.
- Developed insights on product ratings, discounts, and regional sales patterns, enhancing business decision-making through data visualization.

ZOMATO RESTAURANT ANALYSIS

- Conducted data analysis on Zomato restaurant data to uncover trends in online orders, table bookings, and customer ratings using Python and Pandas.
- Generated insights on pricing strategies, customer preferences, and restaurant performance, improving data-driven decision-making through visualization.

MOVIE RECOMMENDATION SYSTEM USING MACHINE LEARNING

- Developed a content-based movie recommendation system using TMDB dataset, analyzing genres, cast, and ratings with Python and NLP techniques.
- Implemented similarity algorithms to suggest personalized movie recommendations, improving user experience through data-driven insights and visualization.

NETFLIX CONTENT ANALYSIS AND INSIGHTS DASHBOARD

- Built an end-to-end SQL project analyzing Netflix content to solve real-world data problems like content classification, regional trends, genre analysis, and actor/director insights using PostgreSQL queries.
- Enabled data-driven storytelling by extracting key metrics such as most frequent ratings, top genres, and high-volume contributors—helping users explore content patterns and insights across 10+ business questions.

AI-BASED COMMUNICATION SKILL EVALUATION WEB APP
- Built an AI-powered web application to help individuals with poor communication skills by analyzing their speech, identifying grammar issues and content depth, and providing a personalized score with improvement feedback.
- Empowered users to self-evaluate and improve spoken communication through real-time voice recording, visual performance charts, and motivational voice feedback — eliminating the need for human evaluators

Extra-Curricular

Deloitte Australia Data Analytics Job Simulation on Forage – April 2025
- Completed a Deloitte job simulation involving data analysis and forensic technology.
- Created a data dashboard using Tableau.
- Used Excel to classify data and draw business conclusions.

Myntra Data Analysis Masterclass – March 2025
- Participated in a masterclass on "Myntra Data Analysis using Python" conducted by WsCube Tech.
- Gained hands-on experience analyzing e-commerce data using Python tools and techniques.

Certifications
- Artificial intelligence training (IBM)
- Data Analytics (Deloitte)
- Create Image Captioning Models (Google cloud)
- Power BI (Simplilearn)
- Data analyst 101: Excel formula & functions (Simplilearn)
- Introduction to Data analytics (Simplilearn)
- AI chatbot (IBM)

Technical Skills

- Python (NumPy, Pandas)
- SQL
- Data cleaning
- Statistical programming
- Data processing
- Microsoft Excel
- Data analytics
- Data modeling
- HTML
- Artificial intelligence
- Machine learning
- Streamlit
- Data manipulation
- Data analysis
- Data Visualization (Matplotlib, seaborn)
- Power BI
- Tableau
- CSS

Soft Skills
- Critical thinking & problem- solving
- Storytelling with data
- Collaboration & teamwork

Languages
- English
- Hindi

Links
- **Portfolio URL**: https://sagararyal.vercel.app
- **LinkedIn URL**: https://www.linkedin.com/in/sagarsharma10102002/