

Saksham Singh

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Professional Summary

I am a B.Tech student specializing in data analytics and machine learning. Well Skilled in developing end-to-end applications, from data ingestion and processing with Python (pandas, NumPy) to creating insightful dashboards in Power BI. Passionate about leveraging generative AI and predictive modeling to solve complex business problems.

Education

B.Tech (Computer Science & Engineering) - VIT Bhopal University

Skills

- **Programming:** Python, SQL, HTML/CSS, JavaScript
- **Data Analysis:** pandas, NumPy, Matplotlib
- **Visualization:** Power BI, Tableau, Seaborn
- **ML/AI:** Scikit-learn, Generative AI, NLP
- **Databases:** MySQL, Excel
- **Soft Skills:** Problem-Solving, Critical Thinking

Achievements

- Achieved Top 10% finish among over 200 participants in the 79th Independence Day Quiz (KIOT, 2025).
- Awarded multiple merit certificates for academic excellence and co-curricular performance (CMS Lucknow).

Certifications

- Data Analytics with Generative AI - Simplilearn (2025)
- Introduction to Generative AI - Simplilearn (2025)
- Machine Learning Using Python - Simplilearn (2025)
- Python Essentials - Vityarthi (2025)
- Oracle Cloud Infrastructure - AI Foundation Associate (2025)
- Fundamentals of AI & ML - Vityarthi (2024)
- NPTEL Certificate - Cloud Computing (IIT Kharagpur, 2024)
- TCS iON Career Edge - Young Professional(Tata,2025)

Projects

TrackMyTrain.live - Real-time Train Tracking & Order System

Engineered a full-stack web application using JavaScript to provide real-time train tracking. Integrated a live transit API to ingest and process data for over 500 daily routes, enhancing data accessibility for users.

Global Weather Forecast Site

Architected a responsive weather platform that fetches and displays data from a live weather API, delivering 7-day forecasts with over 95% accuracy for thousands of global locations.

Kaun Banega Crorepati (KBC) Quiz Game

Developed an interactive quiz game in Python, featuring a dynamic scoring system and a question bank of over 200 items, increasing user engagement through complex game logic.

Shell Project - Machine Learning

Designed and trained a predictive model using Scikit-learn to forecast fuel blend ratios, achieving 85% accuracy on the test dataset and demonstrating strong feature engineering skills.

RecallAI & Chatbot

Implemented an AI-powered chatbot using Natural Language Processing (NLP) to classify and respond to over 50 unique user intent types, improving response efficiency by 40%.