

Sachin Kumar Shah

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Recent Computer Science graduate specializing in AI and ML, proficient in Python, SQL, Pandas, NumPy, Matplotlib, Seaborn, PowerBI, and Excel for data analysis and visualization. Experienced in building interactive dashboards for sales and revenue insights, developing XGBoost models for customer satisfaction prediction, and optimizing SQL databases during internship at Persistent System. IBM-certified in Data Science, SQL, Python, and Excel; eager to deliver actionable insights as a Junior Data Analyst.

EDUCATION

Bachelor of Technology in Computer Science

Acropolis Institute of Technology and Research • CGPA: 7.56/10

Indore • 08/2020 - 06/2024

- Specialization: Artificial Intelligence & Machine Learning.
- Relevant Coursework: Data Structures and Algorithms, Machine Learning, Data Science.

SKILLS

Programming Languages: Python, SQL, C++(Basics)

Databases: MySQL, SQLite, Oracle

Libraries/Tools: Scikit-learn, NumPy, Pandas, Matplotlib, Seaborn, PowerBI

Web Technologies: Flask

Version Control: Git, GitHub

IDE/Platform: Jupyter Notebook, VS Code, MS Excel.

PROJECTS

Blinkit Sales Dashboard (Excel Project) | [GitHub](#)

- Designed an interactive Excel dashboard to analyze sales performance by outlet size, location, and item type.
- Incorporated dynamic slicers, charts, and KPIs to visualize total sales, average ratings, and item counts.
- Applied Excel functions, pivot tables, and formatting for data-driven decision-making.

Ambit Analytics Assessment – Client Revenue Dashboard (Excel Project)|[GitHub](#)

- Built a dynamic Excel dashboard to analyze client interactions and revenue trends from MIS data.
- Extracted insights on client-wise revenue, analyst/sales rep time allocation, and city-wise performance.
- Utilized Pivot Tables, charts, slicers, and Excel functions like VLOOKUP, YEAR, and TEXT.

Airline Customer Satisfaction Prediction Model|[GitHub](#)

- Developed a machine learning model using XGBoost to predict customer satisfaction.
- Built and deployed a Flask-based web application for real-time predictions.
- Implemented data preprocessing and feature engineering to enhance accuracy.
- Technologies Used: Python, XGBoost, Flask, Pandas, Pickle.

INTERNSHIP

Persistent System

06/2023 - 08/2023

Summer Internship

Remote

- Developed Python-based data solutions and optimized SQL queries for faster data retrieval.
- Developed and managed a SQL database for 100+ users, enhancing data retrieval efficiency by 30%.
- Enhanced problem-solving skills by developing a project that optimized algorithms, improving efficiency by 30%.

CERTIFICATIONS

- IBM – Databases and SQL for Data Science with Python.
- IBM – [Python for Data Science, AI & Development.](#)
- IBM – [Data Visualization and Dashboards with Excel and Cognos](#)
- Cutshort – [Advanced proficiency in Python certificate.](#)
- IBM – [Introduction to Data Science.](#)
- IBM – [Excel Basics for Data Analysis](#)

AWARDS

- 1st Place – VisioTrack Blind Assistant Project at College Tech Fest
- 2nd Place – Python Coding Mania by CodingIdol
- Solved 200+ Data Structures & Algorithms problems on [Leetcode.](#)