

Rahul Singh Tomar

✉ rahulstomar14@gmail.com

🌐 [linkedin.com/in/rahulsinghtomar14](https://www.linkedin.com/in/rahulsinghtomar14)

☎ +91-7354576809

Education

Madhav Institute of Technology & Science (MITS) <i>Master of Computer Applications (MCA) - General (CGPA: 7.2)</i>	May 2025 Gwalior, Madhya Pradesh
Jiwaji University <i>Bachelor of Computer Science (Percentage: 60%)</i>	June 2019 Gwalior, Madhya Pradesh

Experience

Data Science Intern - Coding Thinker <i>Machine Learning and Data Analysis</i> <ul style="list-style-type: none">Built ML models and performed EDA, preprocessing, and feature engineering using Python, Pandas, NumPy, and Scikit-learn.Derived insights from real-world datasets and collaborated with the team to enhance model performance for business use cases.	
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Projects

Hotel Booking Management System <i>Web Development, SQL, Django</i> <ul style="list-style-type: none">Designed a SQL-based hotel booking system with automated reservations, billing, and customer data management.Developed the backend using Django and the frontend with HTML/CSS for a responsive UI.Implemented authentication and role-based access control for secure transactions.	🔗
Zomato Rating Prediction System <i>Machine Learning</i> <ul style="list-style-type: none">Utilized Pandas and NumPy for data preprocessing and Matplotlib and Seaborn for insightful data visualizations.Implemented machine learning models to predict ratings based on features like location, cuisine, price, and more.	🔗
Healthcare Claim Denial Prediction <i>Data Analysis, Machine Learning</i> <ul style="list-style-type: none">Built a machine learning model to predict whether a healthcare claim will be denied based on historical claim data.Focused on reducing claim denials, boosting approvals, and minimizing financial losses.Utilized Python (Pandas, NumPy) for data cleaning, visualized insights (Matplotlib, Seaborn), and built models (Random Forest, Logistic Regression, KNN) with performance evaluation.	🔗

Technical Skills

Programming Languages: Python
Database Query Languages: SQL (MySQL)
Web Technologies: HTML, CSS, Django
Data Science Machine Learning: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn
Data Visualization: Power BI, Matplotlib, Excel
Other Skills: Data Cleaning, Feature Engineering, Statistical Analysis, Web Scraping

Certificates

- 🔗 NPTEL: Python for Data Analytics and Data Science (Jan 2025 - April 2025)
- 🔗 NPTEL: Cloud Computing (July 2024 - October 2024)
- 🔗 NCC 'C' CERTIFICATE: Army Corps MP and CG Bhopal (2016-2018)

Declaration

- I hereby declare that the information provided above is true to the best of my knowledge and belief.