# Rahul Jain

 Indore, M.P.

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## EDUCATION

**Medicaps University** 2021-2025

*B.Tech. Computer Science and Engineering*

## SKILLS

- **Languages**: Python, SQL, HTML5, CSS3
- **Tools & Web** : Git/GitHub, VS Code, PyCharm, MongoDB Compass, Tableau, Streamlit
- **Libraries & Frameworks** : Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Flask, TensorFlow, PyTorch, Keras, OpenCV, Django
- **Database**: MongoDB, MySQL, SQLite
- **CS Fundamentals**: Object-Oriented Programming (OOPs), Operating Systems, Database Management Systems(DBMS), Data Structures & Algorithms (DSA)
- **Other**: Machine Learning, Exploratory Data Analysis, Data cleaning, Deep Learning, Neural Networks, Supervised & Unsupervised Learning

## EXPERIENCE

**Quest Digiflex Pvt. Ltd.** | *AI/ML Intern* Feb 2025 - May 2025

- Designed a Diet Recommendation System, achieving 85%+ accuracy using Gemini API and nutrition datasets.
- Developed an AI-powered chatbot using Google Gemini API, improving customer engagement by 30%.
- Led preprocessing and feature engineering tasks, improving model training time and accuracy by 15%.
- Collaborated with frontend/backend teams in an Agile setup to deliver production-ready ML components.

## PROJECTS

**ML Dashboard** | *Streamlit, Scikit-Learn, Plotly* March 2025

- Built an interactive ML dashboard enabling data upload, cleaning, EDA, and model training.
- Achieved 90%+ model accuracy on test datasets; improved user engagement with dynamic Plotly visualizations and AI-guided insights.
- Integrated 5+ ML models and supported both custom and sample datasets.

**Screen Time Recorder via Face Tracker** | *Python, OpenCV, Tkinter, PyAutoGUI* April 2024

- Built a desktop productivity tool to monitor screen time using facial detection and application tracking.
- Delivered real-time idle alerts and logged active usage with precise time tracking.
- Promoted digital wellness by integrating GUI alerts and weekly summary reports.

**Video Games Sales Prediction** | *Python (Pandas, Scikit-learn, Matplotlib), HTML5, CSS3, Flask* July 2023

- Designed a regression model using Decision Tree Regressor to predict global video game sales.
- Analyzed and visualized sales patterns by genre and region to identify trends.
- Implemented a Flask dashboard for interactive predictions and dynamic chart generation.

## CERTIFICATIONS

**Machine Learning Specialization** | *Coursera (Stanford and Deep Learning.AI)* July 2024

**PCAP: Programming Essentials in Python** | *OpenEDG Python Institute* June 2024

**Career Essentials in Generative AI** | *Microsoft and LinkedIn* May 2024

**Mathematics for Machine Learning and Data Science** | *Coursera (Deep Learning.AI)* Nov 2023

**Artificial Intelligence** | *IIT Kanpur (Summer Training Program)* June 2023

## ACHIEVEMENT

- Global Rank 68 out of 5,37,000 in **TCS CodeVita** Season 12.
- Qualified **GATE CSE 2025**