

MALKIT CHOUDHARY

Data Science Enthusiast | ML & Deep Learning | Python Developer
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PROFESSIONAL SUMMARY

Motivated Data Science Enthusiast and Machine Learning Engineer pursuing a Bachelor of Computer Applications (BCA) at Manipal University Jaipur. Proficient in Python, Machine Learning, Deep Learning, NLP, and Data Visualization. Experienced in building and deploying end-to-end ML/DL pipelines including AI resume screening, spam detection, and recommendation systems. Completed virtual internships with Quantum and Deloitte Australia via Forage, demonstrating real-world data analytics expertise. Passionate about solving real-world problems through data-driven insights and predictive modeling.

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, HTML, CSS, Bootstrap

ML / DL: Machine Learning, Deep Learning, Scikit-learn, Keras, TensorFlow, NLP, TF-IDF, Collaborative Filtering, Statistics

Data & BI: Pandas, NumPy, Matplotlib, Seaborn, SQL, Power BI, Excel, EDA, Data Preprocessing, Feature Engineering

Tools & Platforms: FastAPI, Github, DSA, Vercel, Render, Jupyter Notebook

Soft Skills: Analytical Thinking, Problem Solving, Communication, Time Management, Continuous Learning

EXPERIENCE

Data Science Trainee | Tips-G (RNS IT Solution), Alwar

Jun 2024 – Jun 2026

- Built end-to-end ML & DL pipelines covering data preprocessing, EDA, model training, evaluation, and deployment.
- Worked with Python, Pandas, NumPy, Scikit-learn, and Keras on real-world datasets to develop predictive models.
- Applied statistical analysis and feature engineering techniques to improve model accuracy and performance.

Data Analytics Job Simulation | Quantum · Forage (Virtual Internship)

Mar 2026

- Conducted customer behaviour analysis, data cleaning, and experimentation design on retail datasets.
- Generated actionable business insights and presented findings through clear, professional data visualisations.

PROJECTS

[AI Resume Screening & Ranking System](#)

Tech Stack: Python | NLP | TF-IDF | Machine Learning | Vercel

- Built an NLP-powered system using TF-IDF and ML algorithms to automatically rank candidates by job fit score.
- Deployed on Vercel enabling real-time resume parsing and ranking for multiple job descriptions.

[Email Spam Detection System](#)

Tech Stack: Python | Scikit-learn | Naive Bayes | TF-IDF | FastAPI | Render

- Developed a Naive Bayes + TF-IDF classifier achieving high accuracy on real-world email datasets.
- Built REST API using FastAPI and deployed the application on Render for live predictions.

[Movie Recommendation System](#)

Tech Stack: Python | Collaborative Filtering | Scikit-learn | Pandas | Streamlit

- Built a content-based and collaborative filtering recommendation engine using cosine similarity on a movie dataset with 10,000+ records.
- Developed an interactive Streamlit web app for real-time movie recommendations based on user preferences.

EDUCATION

Bachelor of Computer Applications (BCA)

Manipal University Jaipur | Jun 2024 – Jun 2027

Relevant Coursework: Python, Data Structures & Algorithms, Statistics, Database Management, Computer Science Fundamentals.

Data Science Programme

Tips-G (RNS IT Solution), Alwar | Jun 2024 – Jun 2026

Core Topics: Machine Learning, Deep Learning, NLP, Data Visualization, SQL, Power BI, EDA, FastAPI.

CERTIFICATIONS

- [Google Analytics Certification](#) — Google
- [Claude 101 \(Generative AI & Prompt Engineering\)](#) — Anthropic
- [Data Analytics Job Simulation](#) — Quantum · Forage
- [Data Analytics Job Simulation](#) — Deloitte Australia · Forage
- [Deep Learning & AI](#) — CodeChef