

# Sumit Chauhan

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## EDUCATION

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**Maharishi Dayanand University**  
B.Tech in Computer Science  
CGPA: 8.2

Rohtak, Haryana  
Graduation, May 2025

**PROFILE SUMMARY** Targeting **AI/ML Engineer** roles with an organization of high repute with a scope of improving knowledge and further career growth.

- **Entry-level AI/ML Engineer** with a solid foundation in **Machine Learning, Artificial Intelligence, and Python programming**.
- Experienced in building models for classification and **NLP** tasks, with a strong passion for applying **AI** to solve realworld problems.

## PROJECTS

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### Resume Screening System Using Gemini Pro API

June 2024 – July 2024

**Tools:** Python, Streamlit, Gemini Model API

Developed an AI-powered Resume Screening System, designed to analyze resumes against job descriptions with high accuracy. It functions as an Automated Tracking System (ATS) to evaluate candidate suitability, highlight missing keywords, and provide improvement suggestions. Responsibilities:

- **Resume Analysis** – Extracts text from resumes and compares it against job descriptions to assess relevance.
- **Keyword Matching** – Identifies missing keywords and skill gaps to enhance candidate profiles.
- **Scoring & Recommendations** – Provides a match percentage and actionable insights to optimize resumes for better job prospects.

### Credit Card Fraud Detection System

March 2024 – April 2024

**Tools:** Python, TensorFlow, Streamlit

Developed and deployed a full-fledged web application using Streamlit to detect fraudulent credit card transactions.

Responsibilities:

- Built an interactive user interface for users to input transaction details and receive fraud detection results.
- Integrated machine learning models to classify transactions as legitimate or fraudulent.
- Ensured a seamless user experience with real-time predictions and detailed insights.

### Diet and Fitness Recommendation Chatbot

Oct. 2024 – Dec. 2024

**Tools:** Python, Streamlit, FAISS, Gemini Pro API

Created an AI-powered chatbot designed to provide personalized health and fitness advice based on user input. Responsibilities:

- Built a user-friendly interface to generate and download personalized diet and workout plans in PDF format.
- Integrated calorie tracking and graph charts for exercise and diet monitoring.
- Leveraged advanced APIs and FAISS for efficient recommendation generation.
- Ensured dynamic and user-specific suggestions based on real-time user input.

## SKILLS

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**Machine Learning & AI:** TensorFlow, PyTorch, Scikit-learn, Keras, NLTK, OpenCV

**Data Science Tools:** Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebooks

**Deep Learning & NLP:** Natural Language Processing (NLP), Computer Vision, Convolutional Neural Networks (CNN), Recurrent Neural Networks (RNN), LSTMs, Transformers, CI/CD Pipeline

**Tools & Frameworks:** Git, Flask, Streamlit, Docker, AWS Cloud Platform