

# Hrithik Deep

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## Professional Summary

Data Automation Intern at Springer Capital with hands-on experience in building and deploying AI-powered tools across HR, healthcare, and e-commerce domains.

## Experience

### Data Automation Intern

Apr, 2025 - Present

Springer Capital, Remote, Chicago, USA

- Collaborated on a group AI project to redefine the 'Complaint Class' for advanced sentiment analysis in employee feedback systems.
- Led research and expansion of subcategories like technical, scheduling, and fairness-related complaints to improve the quality of AI model labeling.
- Used NLP techniques and real-world text analysis to create distinct, actionable complaint types.
- Delivered a detailed classification system and documentation, improving model interpretability and HR insights.

Key Responsibilities:

- Collaborated on a group AI project
- Led research and expansion of subcategories
- Used NLP techniques and real-world text analysis
- Delivered a detailed classification system and documentation

## Education

### MMHAPU Patna

Jan, 2020 - Present

Bachelor's in Computer Application (In Progress)

Location: Patna, India

- Relevant Coursework: Data Structures Algorithms, Database Management Systems, Operating Systems, Python Programming, AI Expert Systems, Statistics, Linear Algebra.

## Projects

### AI HR Analytics App

Jan, 2023 - Present

- Built a Streamlit dashboard to analyze intern sentiment and predict attrition risk using structured data and NLP.
- Used Python, Pandas, and TextBlob to extract insights and visualizations, helping HR make data-driven decisions.

Outcome:

Enabled HR to make data-driven decisions.

Python

Streamlit

Pandas

TextBlob

## Real-Time E-commerce Demand Forecaster

Jan, 2023 - Present

- Created a predictive tool to forecast product demand using time-series modeling (Prophet).
- Enabled smarter inventory planning with a 20 percent improvement in RMSE via a user-friendly Streamlit interface.

Outcome:  
Improved inventory planning.

Python

Streamlit

Prophet

## Healthcare LLM Chatbot

Jan, 2023 - Present

- Developed an LLM-based medical chatbot to suggest home/clinic/emergency actions based on symptoms.
- Combined LangChain and rule-based logic to deliver accurate, explainable responses for patient triage.

Outcome:  
Provided accurate, explainable responses for patient triage.

LangChain

Python

## Skills

### Technical Skills

Python

SQL

Git

Jupyter

Streamlit

Tableau

Power BI

JIRA

Cursor

Excel

Copilot

Scikit-learn

TensorFlow

OpenCV

EasyOCR

### Soft Skills

Problem Solving

Fast Learning

Communication

Adaptability

## Languages

English

Fluent

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

Date: Aug, 2023

Location: India