

RAM PRAKASH JHA

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OBJECTIVE

Computer Science undergraduate seeking entry-level roles in Software Development and Data Science with a strong foundation in Machine Learning, NLP, and real-world application deployment.

EDUCATION

B.Tech in Computer Science and Engineering 2023 – 2027

Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar, Odisha

CGPA: 8.69 / 10

Higher Secondary – Science (PCM + Biology) 2020 – 2022

Mahatma Gandhi College, Darbhanga

Percentage: 70.2%

SKILLS

Programming	Python, SQL
Machine Learning	KNN, Logistic Regression, Scikit-learn
NLP	TF-IDF, Text Preprocessing, Classification
Data Analysis	Pandas, NumPy
Web & Deployment	Streamlit, Flask, GitHub, Streamlit Cloud
Core CS	DSA, DBMS, Operating Systems

EXPERIENCE

Machine Learning Project Experience (Self-Initiated) 2024 – Present

Academic & Personal Projects

- Built and deployed end-to-end ML and NLP projects including disease prediction, spam detection, and sentiment analysis.
- Worked on data preprocessing, feature engineering, model training, evaluation, and deployment using Streamlit.
- Achieved model accuracies up to 86% on real-world datasets.

PROJECTS

Heart Disease Prediction System (KNN)

Built a K-Nearest Neighbors based ML model to predict heart disease risk with approximately 86% accuracy. Performed one-hot encoding, feature scaling, and deployed the application using Streamlit.

Live Demo: [View](#)

GitHub: [Repository](#)

Email Spam Detection System

Developed an NLP-based spam classifier using TF-IDF and machine learning algorithms. Evaluated model performance using precision, recall, and F1-score.

Live Demo: [View](#)

GitHub: [Repository](#)

Product Review Sentiment Analysis

Built a sentiment analysis system to classify customer product reviews as positive or negative. Extracted insights using NLP techniques and supervised learning models.

Live Demo: [View](#)

GitHub: [Repository](#)