

Raju Shahi

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OBJECTIVE

Technically adept Computer Engineering postgraduate from NIT Kurukshetra (CGPA: 8.50) with expertise in Data Structures, Algorithms, Machine Learning and Backend-development. Proficient in Python, SQL and Langchain with hands-on experience in projects like Website URL content summarization. Achieved a rank of 4067 in Gate 2024 and driven by a passion for innovation, AI, and solving real-world challenges through clean, efficient code.

SKILLS

Programming: Python, Java, C++

Frameworks & Libraries: Numpy, Pandas, Scikit-learn, Gradio, Langchain, Hugging-face, Tensor-flow, Keras, Streamlit

Database: MySQL

Tools: Visual Studio Code, Jupyter Notebook, Google-Colab, Git & GitHub

Areas of Interest: Machine Learning, Deep Learning, Generative AI, Data Structures & Algorithms, Object Oriented Programming, Operating Systems, DBMS, Computer Networks

Soft Skills: Problem-solving, teamwork, leadership, time management

PROJECTS

Customer Churn Prediction App ([LINK](#))

- Developed an ANN-based binary classification model to predict bank customer churn.
- Preprocessed data with feature encoding and scaling to improve model performance.
- Achieved high accuracy using TensorFlow and exported model as **model.h5** and **scaler.pkl**.
- Built an interactive frontend using **Gradio** for real-time user input and prediction.
- Deployed the app on **Hugging Face Spaces** for live demo access and sharing.

Fake News Detection with LSTM ([LINK](#))

- Built an LSTM-based deep learning model to classify news articles as *real* or *fake* using headline and body text.
- Achieved **93% validation accuracy** on a labeled dataset of ~20k articles.
- Applied text preprocessing: lowercasing, tokenization, stopword removal, and sequence padding.
- Utilized word embeddings to capture contextual meaning in news content.
- Helped automate misinformation detection and content validation using NLP techniques.

EDUCATION

National Institute of Technology Kurukshetra

M.Tech in Computer Engineering

- GPA:** 8.50/10.00

Kurukshetra, Haryana

2024-2026

G L Bajaj Group of Institutions

B. Tech in Computer Science and Engineering

- GPA:** 7.08/10.00

Mathura, Uttar Pradesh

2019-2023

Neena Thapa Inter college

Intermediate(PCM)

- Percentage:** 79%

Gorakhpur, Uttar Pradesh

2016-2018

ACHIVEMENTS

- Secured an All India Rank (AIR) of 4067 with gate score 540 in GATE 2024 examination. ([LINK](#))
- Qualified Gate 2025 with the gate score of 460. ([LINK](#))
- Gen-AI Professional Certification ([LINK](#))
- Java Spring Boot Professional Certification ([LINK](#))