

# Vishwajeet Kumar

Muzaffarpur, Bihar, India

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## PROFESSIONAL SUMMARY

AI & Data Science undergraduate specializing in **LLM-powered systems, RAG pipelines, and deep learning architectures**. Experienced in building AI applications using **LangGraph, LangChain, TensorFlow, and FAISS**. Focused on developing practical, scalable AI systems.

## EDUCATION

**Galgotias University, Greater Noida** 2022 – 2026 (Expected)  
B.Tech in Artificial Intelligence & Data Science CGPA: 8.01/10.0

**R.S College, Muzaffarpur** 2021  
Senior Secondary (12th) – 80%

**U.M.S Repura, Muzaffarpur** 2019  
Secondary (10th) – 75%

## TECHNICAL SKILLS

**Languages:** Python

**AI Frameworks:** LangChain, LangGraph, LangSmith

**LLM & RAG:** Prompt Engineering, Stateful Agents, FAISS

**ML/DL:** TensorFlow, Keras, Scikit-learn

**Data:** NumPy, Pandas, Matplotlib, Seaborn

**Tools:** Docker, Git, GitHub, Streamlit, Jupyter

## PROJECTS

**Agentic AI Chatbot (LangGraph + Gemini)** Aug 2025

- Engineered a stateful LLM-powered chatbot using LangGraph for multi-step reasoning and memory management.
- Integrated Google Gemini API with FAISS-based retrieval pipeline.
- Implemented observability and debugging using LangSmith tracing tools.
- Built interactive Streamlit interface for real-time conversational AI.

**Emotion Detection using Transfer Learning (ResNet50)** 2025

- Developed deep learning model using FER-2013 dataset for facial emotion recognition.
- Applied transfer learning with ResNet50 to improve validation accuracy.
- Implemented real-time inference using OpenCV.

**MNIST Digit Classification** 2024

- Trained dense neural network using TensorFlow and Keras achieving 97% accuracy.
- Performed performance evaluation and visualization using Matplotlib.

## CERTIFICATIONS

AWS AI/ML Virtual Internship  
Google AI/ML Virtual Internship