

KUSHAGRA WADHWA

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SUMMARY OF QUALIFICATIONS

Passionate AI and Data Science enthusiast with a strong foundation in Python, AI/ML, and NLP frameworks. Skilled in building innovative LLM powered solutions, RAG pipelines, and automation tools. Dedicated to solving real-world problems with cutting-edge technologies and delivering impactful results.

EDUCATION

Guru Gobind Singh Indraprastha University

New Delhi, 2021-2025(Pursuing) |

GPA:8.3

B. Tech Artificial Intelligence and Machine Learning

TECHNICAL SKILLS

- **Languages & Frameworks:** Python, Flask., Hugging Face, ML, LLMs, RAGs.
- **Database:** SQL
- **Frontend:** HTML, CSS
- **Other Skills:** Teamwork, Problem Solving, Adaptability, Management, Scrum, Agile

WORK EXPERIENCE

AI Project Intern

Remote

Prodigal AI

September – November 2024

- Developed an advanced "**Knowledge-AI**" chatbot leveraging **Llama Index and Gemini Embeddings**, and implementing RAG pipelines, achieving accurate responses for document-based queries.

Data Scientist Intern

Gurugram, Haryana

Deutsche Telekom Digital Labs

June – August 2024

- Engineered a document parser achieving **93% document coverage** across HR policy documents, including **structured table and image** extraction.
- Developed a PDF **analysis dashboard** for **real-time** metrics (page count, word count, corpus stats), improving document analysis efficiency.

PROJECT EXPERIENCE

No LLM PDF Extractor

- Objective: Built a robust tool to parse unstructured documents and extract structured data without relying on large language models (LLMs).
- Key Features: o Extracts both tables and images from PDFs with high accuracy.
o Achieved 93% document coverage, ensuring comprehensive data retrieval.
- Technologies Used: Python, PDF parsing libraries PyMuPDF, Table Recognition (Camelot)

Sales-Assist AI

- Objective: Designed an AI-powered conversational assistant to enhance real-time customer interactions.
- Key Features: o Uses LLMs and Retrieval-Augmented Generation (RAG) to provide accurate, context-aware responses.
- Technologies Used: Python, LlamaIndex, Vector Databases, OpenAI/Gemini/Hugging Face APIs.

CERTIFICATIONS

- Diploma in Programming and Data Science (IIT Madras, 2024) [Diploma in Data Science](#) [Diploma in Programming](#)
- Introduction to Generative AI (Google, 2024) [Badge](#)
- Postman API Fundamental Student Expert (Postman, 2023) [Badge](#)