

Kushagra Wadhwa

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 [LinkedIn](#)

 [GitHub](#)

 [IITM Profile](#)

 [Kaggle](#)

 [Portfolio](#)

SKILLS

Languages and Frameworks: Python - Data Analysis and Visualisation, Pandas, Numpy, Scikit-Learn Machine Learning, OpenCV, Flask, Shell Scripting, HTML5, CSS, JavaScript.

Databases: MySQL, PostgreSQL.

Industry Knowledge: Application Programming Interfaces (API), Computer Vision, API Development, Database Management System (DBMS), Artificial Intelligence, Business Data Management

Tools & Technologies: Git and GitHub, Linux, Excel, Microsoft Office, Postman API

Languages: English (Fluent), Hindi (Native), French (Intermediate)

EXPERIENCE

Industry Collaboration Minor Project Intern

Prodigal AI | Internship

September 2024- (Ongoing)

(Remote)

- LLMs | RAG (Retrieval Augmented Generation) | Building a **Knowledge-AI** Agent

Data Scientist

Deutsche Telekom Digital Labs | Internship

June 2024 – August 2024 (3 months)

Gurugram, Haryana, India (On-site)

- Developed a robust codebase to parse HR policy documents, featuring efficient text parsing, structured table extraction, and image extraction. Experimented with various libraries to optimize these processes.
- Built a Streamlit PDF analysis dashboard to display document metrics such as page count, word count, corpus statistics, number of tables, images etc.
- Contributed to the creation of Q/A pairs from the parsed data using Hugging Face models and designed evaluation metrics for them.
- Attended an in-person AWS expert workshop and learnt to build a chatbot using an “Agent” on the AWS platform.

Python Developer

BDO in India | Internship

August 2023 – September 2023 (2 months)

Noida, Uttar Pradesh, India (On-site)

- Developed an automated Python script to resolve noisy coloured alpha-numeric CAPTCHAs
 - Created a PDF extraction tool to automate data retrieval and arrangement in Excel for specific use case of the organisation.
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EDUCATION

Bachelor's degree, Artificial Intelligence and Machine Learning

Guru Gobind Singh Indraprastha University • September 2025(Pursuing)

Bachelor of Science - BS, Data Science

Indian Institute of Technology, Madras (Pursuing)

PROJECTS

1. OpenCV Captcha Resolver

An automated Python script to resolve noisy coloured alpha-numeric CAPTCHAs

<https://github.com/KushagraaWadhwa/Open-CV-Captcha-Solver>

2. No-LLM based PDF extractor tool

A robust codebase to parse documents, featuring efficient text parsing, structured table extraction, and image extraction from an unstructured document

3. Recipe for Rating: Predicting Food Rating using ML | IITM BS

Created a model to predict food ratings based on ingredients and cooking methods

Analysed patterns in the dataset using exploratory data analysis and built a robust predictive model.

CERTIFICATIONS

- **Introduction to Generative AI**

Google, 2024

[Badge](#)

- **Foundation in Programming and Data Science**

Indian Institute of Technology, Madras, 2022

[Certificate](#)

- **Postman API Fundamental Student Expert**

Postman, 2023

[Badge](#)