Kushagra Wadhwa

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in LinkedIn || ○ GitHub | ◼ IITM Profile || k Kaggle

SKILLS

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

<u>Databases:</u> MySQL, PostgreSQL.

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

<u>Tools & Technologies</u>: Git and GitHub, Linux, Excel, Microsoft Office, Postman API

<u>Languages</u>: English (Fluent), Hindi (Native), French (Intermediate)

EXPERIENCE

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.

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.

3. **Kaggle X Skill Assessment Challenge (Prediction of used car prices)**
   Predicted the prices of used cars using various regression techniques and optimized the model for high accuracy.
   Utilized Python libraries like Pandas, NumPy, and Scikit-learn for data processing and model building.
   https://www.kaggle.com/code/kushagra21f3002930/kagglex-skill-assessment-challenge/

4. **Recipe for Rating: Predict 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 Programming Using Python**
  Udemy
  Certificate
- **Postman API Fundamentals Student Expert**
  Postman, 2023
  Badge
- **Foundation in Programming and Data Science**
  Indian Institute of Technology, Madras, 2022
  Certificate
- **Introduction to Generative AI**
  Google,2024
  Badge