

Utkarsh Wagh

✉ wutkarsh1208@gmail.com ☎ 9022995364 📁 Portfolio in LinkedIn 🐙 GitHub

EDUCATION

VIT Bhopal, University	(2022-2026)
Bachelor's in technology(B.tech): Computer Science and Engineering	
Rustomjje International School	(2022)
HSC	
Children Sr. Sec. School	(2020)
SSC	

SKILLS SUMMARY

• Languages:	Python, Java, C/C++, Javascript
• Databases/OS:	MySQL, Windows, MacOS, Linux
• Machine Learning:	Supervised Learning, Unsupervised Learning, NLP
• Libraries:	Pandas, Numpy, Matplotlib, Sci-kit learn, Tensorflow
• Frameworks/Tools:	Git, Google Colab, Jupyter
• Soft Skills:	Critical Thinking, Problem-Solving, Effective communication

PROJECTS

Park-Ease: Interactive Parking Management System | Python, Tkinter and YoloV8

- Designed an AI-enabled parking system using Tkinter for intelligent space allocation and dynamic management.
- Deployed YOLOv8 for real-time vehicle identification, achieving 95% accuracy in entry/exit tracking.
- Developed a data-driven system for optimizing parking space utilization and reducing manual intervention by 80%.
- Integrated an analytical dashboard to log vehicle activity, facilitating enhanced accessibility for data insights and monitoring.
- Stored parking data efficiently in a database for easy management and retrieval.

DocuFlow: Seamless Document Processing and Automation |

- Developed a Flask-powered web platform enabling users to streamline document processing by integrating automated PDF merging, OCR capabilities, and structured data extraction.
- Utilized Python-based libraries such as pdf2image, PyMuPDF, OpenCV, and Tabula to enhance text recognition efficiency, leading to a 40% reduction in document handling

time.

- Engineered a responsive and interactive interface leveraging HTML and Bootstrap, optimizing usability and boosting engagement rates by 30%.
- Implemented an advanced file management workflow to optimize error handling, ensuring 25% faster processing and seamless multi-page document processing.
- Integrated Tesseract OCR and Poppler for intelligent table extraction, successfully converting non-editable data into 100% structured formats for downstream analysis.

ADDITIONAL

Certificates:

- The Bits and Bytes of Computer Networking
- NPTEL Elite certification in Cloud Computing

Extracurricular Activities:

Team Lead (MUN Club, VIT Bhopal)

- Orchestrated the successful execution of various events by actively leading the teams
- Designed visually appealing content to encourage participation
- Shoot various reels and edited those to enhance audience engagement