

VIDHIKA JAIN

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HackerRank:

<https://www.hackerrank.com/profile/vidhikajain2022>



PROFESSIONAL SUMMARY

Detail-oriented and research-driven Integrated M.Tech student in Artificial Intelligence at VIT Bhopal. Experienced in full-stack development and applied machine learning with a focus on healthcare and sustainable technologies. Strong communicator and team player with a passion for solving real-world problems using AI.

TECHNICAL SKILLS

- Programming Languages: Python, Java, SQL
- AI/ML Frameworks: TensorFlow, Scikit-learn, OpenCV, Pandas, NumPy, NLP
- Web Development: Flask, HTML, CSS, JavaScript
- Tools & Platforms: Git, Jupyter Notebook, VS Code, Tkinter

EDUCATION

Vellore Institute of Technology, Bhopal

Integrated M.Tech in Artificial Intelligence

Sept 2022 – Present

Holy Angel Higher Secondary School, Ashta

- 12th Grade – 87% 2021-2022
- 10th Grade – 80%- 2019-2020

ACADEMIC PROJECTS

NeuroTask: Smart Automation (Apr 2025)

- Built a hybrid voice assistant using GPT-3.5 (cloud) and Gemma (local).
- Automated file sorting based on semantics and voice commands.
- Tools: Python, OpenAI API, Ollama, Tkinter.

ML-Based CKD and Diabetes Prediction (Dec 2024 – Apr 2025)

- Flask-based web app with 96–98% prediction accuracy.
- Rural-friendly design with intuitive UI for diagnostics.
- Tools: Python, Scikit-learn, PCA, RFE, Flask, HTML/CSS.

Pooh AI – Personal Optimised Online Helper (Nov 2024 – Mar 2025)

- Smart assistant for personalized tasks via voice commands.
- Integrated NLP to improve conversation and task handling.
- Tools: Python, SpeechRecognition, Tkinter.

CamScanner (May 2024 – Nov 2024)

- Document enhancement and auto-cropping using OpenCV.
- Improved clarity and file output quality for users.

Early Disease Detection in Plants (Feb 2023 – Jun 2023)

- Trained CNN models to classify plant diseases via leaf images.
- Documented results for academic publication.

CERTIFICATIONS & PLATFORMS

- Certified in Machine Learning in Python
- HackerRank: <https://www.hackerrank.com/profile/vidhikajain2022>

LANGUAGES

- English (Fluent)
- Hindi (Fluent)