


PRADNYA K T

 pradnya K T

 +91 9994770141

 pradnya08062003@gmail.com

 pradnya2003

Profile

A passionate and forward-thinking technology enthusiast with a robust foundation in **Artificial Intelligence, Machine Learning, Deep Learning**, and **Python development**. Skilled in translating complex problems into innovative, real-world solutions through both analytical rigor and creative thinking. Alongside a growing portfolio in **front-end development**, I bring a versatile skill set that bridges data-driven intelligence with user-centric design. Eager to contribute to a **collaborative, impact-driven team** where I can continue to sharpen my expertise and drive meaningful technological advancements.

Projects

Voice Command System using Tkinter

Developed a Python-based voice command system featuring a graphical user interface (GUI) built with Tkinter. Integrated speech recognition and text-to-speech capabilities to enable voice-activated control of various desktop applications and tasks. Implemented functionalities such as opening websites, playing music, and retrieving real-time information, enhancing user interaction through intuitive voice commands. This project showcases proficiency in Python programming, GUI development, and the integration of speech processing libraries to create user-friendly applications.

My Vault:

Feb 2025

Developed a personal portfolio as part of my foundational training in front-end development. The project highlights my proficiency in core web technologies, including HTML and CSS, and serves as a practical demonstration of the skills acquired during the early stages of my learning journey. It reflects my ability to structure web content effectively and apply fundamental styling principles to create a user-friendly interface.

Face Fusion:

July 2024 – August 2024

Face Fusion is an AI-powered tool that delivers high-quality face enhancements and realistic face swaps. Using models such as GFPGAN, Real-ESRGAN, and InsightFace, these tools have applications in film studios, content creation, and design, enabling efficient and affordable visual effects.

Fake News Detection:

March 2023 – April 2023

Developed a fake news detector using machine learning algorithms, specifically a Decision Tree Classifier. The models are then trained on a labeled dataset and evaluated using metrics such as accuracy.

Object Deduction:

June 2023 – November 2023

Detected an object in images using the YOLO (You Only Look Once) algorithm with Python. The final output is a visual representation with labeled bounding boxes around detected objects, providing a robust solution for object detection tasks.

Education

Kathir College of Engineering

2021 - 2025

B.Tech in Artificial Intelligence and Data Science

CGPA:

Swamy Vivekananda Higher Secondary School

2019 -2021

Higher Secondary Education Grade:

84.52%

Technical Skills

- Frontend (HTML, CSS, JavaScript, React Vite)
- UI/UX Design (Prototyping Tool: Figma)
- Artificial intelligence and machine learning
- Deep Learning
- Python (Tensorflow, Keras)
- Data analyst (SQL, EXCEL)






Experience

I Zet e-Payments Pvt Ltd: Frontend

March 2025 – Present

Currently undergoing an internship at IZet E-Payments Pvt. Ltd., where I have been gaining hands-on experience in front-end development from the ground up. This opportunity has been instrumental in building a strong foundation in web development while also helping me adapt to a professional work environment and enhance my technical and collaborative skills.

Certifications

-  Chatgpt - guvi certification
-  Data Analytics and Visualization - Accenture
-  Deep Learning with Python - Great learning
-  DevOps - Guvi
-  Master Data Management for Beginners - TCS

