

# Pratyaksh Yadav

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## Profile

Technically skilled and results-driven individual with hands-on experience in Artificial Intelligence, Python programming, and automation through structured training and real-world projects. Proficient in developing practical applications such as face recognition systems, workflow automation tools, and AI-powered crop advisory platforms. Recognized for clear communication, logical thinking, and a strong focus on real-world problem-solving. Eager to contribute to innovative teams and deliver impactful tech solutions.

## Professional Experience

AI & Backend Automation – Trainee Developer  
Training Institute | Jan 2025 – Present

- Built practical Streamlit applications like a multi-level Leave Management System and an AI-based Farming Assistant App.
- Developed a Face Recognition Attendance Tool using OpenCV + Teachable Machine.
- Gained hands-on experience with Python, backend logic, UI tools, and deployment-friendly workflows.
- Presented project outcomes to peers and mentors, sharpening technical communication.

## Education

Artificial Intelligence Programming Assistant – Certification Program

2024 – 2025 | Training-Based Learning

- Focused on Python, AI model integration, OpenCV, and Streamlit-based app development
- Completed hands-on projects under mentor supervision, including end-to-end deployment

ISC – Class 12 (Science)

2022 | Council for the Indian School Certificate Examinations (CISCE)

ICSE – Class 10

2020 | Council for the Indian School Certificate Examinations (CISCE)

## Skills

### Languages & Tools:

- Python, OpenCV, Streamlit, Git, Teachable Machine
- Excel Automation, PowerPoint & Word Integration
- Backend Approval Logic, Data Handling

### Soft Skills:

- Communication & Presentation
- Project Management & Documentation
- Team Collaboration & Independent Learning

## Projects

### Virtual AI Assistant

- Built in Python to recognize voice commands, respond with appropriate actions (e.g., open apps, search online)
- Integrated speech recognition, web scraping, and desktop automation

### Leave Management System (Dual Approval)

- Developed in Streamlit using Python
- Features multi-role approval workflow (Training Officer + Director) with action tracking and status updates