

PRIYANSH LUNAWAT

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SUMMARY

Results-driven engineer with strong skills in Python, machine learning, and full-stack development, experienced in building scalable AI solutions and deploying applications using modern frameworks. Passionate about solving real-world problems through technology and continuous learning.

EDUCATION

Jaypee University of Information Technology

Aug 2022 – Aug 2026

B.Tech – Computer Science & Engineering

CGPA: 8.71

Gyan Vihar School (XII)

Jul 2022

Percentage: 85 / 100

Gyan Vihar School (X)

Apr 2020

Percentage: 75 / 100

EXPERIENCE/ WORK EXPERIENCE

Growth Grids Pvt. Ltd. – India

Python Developer Intern – CV Parser Project | Jun 2025 – Jul 2025

- Developed an advanced CV parser using **chunking techniques** with **custom regular expressions**, as a **RAG** approach to increasing extraction accuracy across diverse resume formats
- Integrated **LLama-based large language model (LLM)** to semantically label and classify text chunks, improving section detection in unstructured resumes by 60%
- Designed a hybrid pipeline that combined rule-based and AI-driven logic for extracting sections like **Education, Experience, and Skills**
- Automated resume parsing from .pdf, .docx, and scanned .jpg formats using **OCR (Tesseract)** and **PyMuPDF**, reducing manual effort by 70%
- Validation & Error Handling: Ensuring extracted data is correct through structured testing methods.
- Named Entity Recognition (NER): Implementing spaCy or transformers to detect names, skills, experience, and education.
- Regex & Pattern Matching: Using custom regex to extract structured sections (e.g., "Name:", "Education:", "Experience:").

LEADERSHIP/PROJECTS

Crop Guardian – Team Size: 4

Jan 2025 – May 2025

Key Skills: Python, Deep Learning, Image Processing, Spring Boot, Machine Learning, Artificial Neural Networks, Convolutional Neural Network.

- Multilingual crop disease detection app with 95%+ accuracy using MobileNetV2 with custom head and transfer learning.
- State specific Crop disease Detection.
- Deployed via Streamlit with real-time image upload and prediction confidence.

Potato Disease Classification – Individual Project

Sep 2024 – Sep 2024

Key Skills: Python Machine Learning Deep Learning Image Processing

- Achieved 95%+ accuracy in classifying potato leaf diseases using CNN and transfer learning.
- Deployed via Streamlit with real-time image upload and prediction confidence.

Heart Disease Detection – Individual Project

Nov 2024 – Nov 2024

Key Skills: Machine Learning, EDA, Data Visualization, Data Mining

- Predicted heart disease with 89% accuracy using logistic regression.
- Applied feature selection, EDA, and visualization techniques.

Face Recognition Attendance System

Oct 2023 – Nov 2023

Key Skills: Python Computer Vision

- Automated attendance via face recognition using Haar Cascade with 90%+ accuracy.
- Enabled contactless tracking for classroom environments.

Leadership Roles:

- Led ML model building team at ACM's OSO event.
- Leader of ACM (JUIT), organized 5+ technical events.
- Senior NSS Member.

SKILLS

Technical Skills:

Python, C, C++, HTML, TensorFlow, Scikit-learn, OpenCV, Streamlit, spaCy, LangChain, Machine Learning, Deep Learning, Data Science, Neural Network, Computer Vision, OCR, Retrieval-Augmented Generation (RAG)

Management Skills:

Project Management, Team Leadership, Communication, Debugging

Languages:

Fluent in English, Hindi

CERTIFICATIONS & TRAININGS

- Microsoft – ML Training (via Unstop) | Mar 2025 Applied CNN, ANN to real-world datasets.
- IIT Madras Pravartak – ML Training | Jun 2024 – Jul 2024 Scored 91%, Top Performer; covered Python, EDA, Regression, Clustering.

PERSONAL INFORMATION

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ACHIEVEMENTS

- Top 12 Finalist – Smart India Hackathon 2024.
- 3rd Position – Techno Wizard Competition.
- Organized multiple tech/social events