

Lakshmi Pranay Tej Ravulakol

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SUMMARY

AI/ML undergraduate with hands-on experience building GAN, NLP, and full-stack AI applications using Python, PyTorch, FastAPI, OpenCV, and Transformers. Built production-style projects including handwriting adaptation using GANs, legal intent classification, and academic management systems with AI assistance.

SKILLS

Languages: Python, JavaScript, SQL

AI/ML: Machine Learning, Deep Learning, PyTorch, scikit-learn, NLP, Computer Vision, OpenCV, Transformers

Backend: FastAPI, REST APIs, Node.js, Express.js

Frontend: React.js

Data & Tools: Pandas, NumPy, Git

EXPERIENCE

Research Intern, Chaitanya Bharathi Institute of Technology

2025-06 – 2025-08

- Built and tested NLP/CV modules for healthcare AI workflows using Python, PyTorch, and OpenCV.
- Worked on data preprocessing, model evaluation, and API integration during a 100-hour research internship.
- Contributed to an AI/ML healthcare application focused on natural language processing and computer vision tasks.

EDUCATION

B.Tech in Computer Science, KG Reddy College of Engineering and Technology

2024 – 2028

GPA: 7.64/10

PROJECTS

Handwriting Adaptation Using GANs

GitHub

Python, PyTorch, OpenCV, Computer Vision, Deep Learning

- Built a GAN-based handwriting adaptation system to generate and transform handwritten text styles using PyTorch.
- Applied image preprocessing and computer vision techniques with OpenCV to prepare handwriting samples for model training.
- Experimented with generator-discriminator training workflows to improve handwritten style adaptation quality.

Clarilaw.ai — AI-Powered Legal Intent Classification System

GitHub

Python, FastAPI, scikit-learn, PyTorch, Transformers, NLP, Pandas, NumPy, Docker, REST API

- Built end-to-end NLP pipelines for preprocessing, training, evaluation, and inference, achieving 92.4% accuracy on 7,250 complex legal queries by classification.
- Developed a FastAPI-based legal intent classification system using PyTorch, scikit-learn, and Transformers.

EduTrack AI — Full-stack Academic Management System

GitHub

React.js, Vite, JavaScript, Node.js, Express.js, Supabase, Tailwind CSS, React Query, REST APIs, Google Gemini API, Razorpay, Vercel

- Built a full-stack academic management platform for schools with student, teacher, parent, and admin portals.
- Centralized attendance, grade tracking, assignments, live classes, parent communication, fee workflows, and AI-powered study assistance, academic risk analysis, and automated grading.

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate — Oracle

Principles of Generative AI Certification — Infosys Springboard

Machine Learning for All — University of London

ACHIEVEMENTS

- Won 1st Place in Webathon at Festronix 2026, Vardhaman College of Engineering.
- Won 2nd Prize in AI Chatbot Building Competition at Techxplore 2025, J.B.R. Engineering College.
- Secured Runner-Up in UI/UX at AI Sudhee 2025, Chaitanya Bharathi Institute of Technology.