

YASH DUBEY

Artificial Intelligence & Machine Learning Enthusiast | Aspiring AI/ML Engineer

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PROFESSIONAL SUMMARY

Aspiring AI/ML Engineer and B.Tech undergraduate in Artificial Intelligence and Machine Learning at LNCT, Bhopal. Proficient in Python and Java, with hands-on experience in deep learning, GANs, and PyTorch Lightning. Skilled in developing machine learning models, working with datasets like MNIST, and applying key AI concepts such as CNNs, supervised learning, and PCA. Demonstrated ability to complete academic and self-driven AI projects, participate in hackathons, and collaborate in team-based environments. Eager to apply AI knowledge to solve real-world problems through internships and innovative projects.

TECHNICAL SKILLS

Languages: Python, Java(Basic), SQL

Libraries/Frameworks: PyTorch, PyTorch Lightning, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn

Tools: Jupyter Notebook, Google Colab, Git, VS Code, AWS

Databases: MySQL

Concepts: Supervised/Unsupervised Learning, Deep Learning, CNN, GANs, PCA, Clustering, Model Evaluation

SOFT SKILLS

Problem Solving, Teamwork, Leadership, Communication, Time Management, Adaptability, Critical Thinking, Collaboration, Fast Learner

EDUCATION

B.Tech in AI and ML | LNCT, Bhopal

Expected Graduation: June 2026

PROJECTS

A Comparative Study and Implementation of Different GAN Models using PyTorch Lightning

Tech: PyTorch Lightning, Python, MNIST, Matplotlib

- Built and compared multiple GAN architectures to evaluate training stability and output quality.
- Used PyTorch Lightning to streamline training and ensure modularity.
- Visualized generator outputs to track convergence and sample improvement over epochs.

PDF Resume Generator using Python

Tech: Python, FPDF, OOP

- Built a Python tool to generate professional PDF resumes using fpdf.
- Used object-oriented design to modularize layout, styling, and content sections.
- Produced clean, ATS-friendly resumes with customizable text and structure.

Netflix Landing Page Clone

Tech: HTML, CSS

- Recreated Netflix's homepage using semantic HTML and modern CSS.
- Ensured clean, accessible code following web development best practices.

CERTIFICATIONS & ACHIEVEMENTS

- Microsoft : Azure Fundamentals
- AWS Cloud Practitioner
- Top performer in AI/ML coursework
- Regular hackathon participations.

LANGUAGES

English (Professional), Hindi (Native)