

Yash Kuletha

Neemrana, Rajasthan | yash.kuletha22@st.niituniversity.in | [LinkedIn](#) | [GitHub/Portfolio](#)

Experience

Summer Intern, Prodigy Infotech, Remote

June 2025 to July 2025

Developed Generative AI applications using Flask, TensorFlow, FastAPI, Huggingface Transformers and Stable Diffusion.

- As part of my responsibility, I developed interactive AI tools for image generation, Neural style transfer and Natural Language processing.
- Enhanced UI/UX and explored GPT-2 fine-tuning using different decoding strategies.

Summer Intern, L&T Technology Services, Vadodara

May 2024 to July 2024

Contributed to an internal use Resume Analysing Tool using Power Apps, Power Automate and Power BI.

- As part of my responsibility, I worked on automating candidate screening workflows.
- Additionally contributed to fixing bugs in Power Automate flow and adding new features.
- Streamlined the recruitment process by integrating Sharepoint, enabling real-time insights, improving screening efficiency.

Projects

NU Gatepass

- Used React, Tailwind CSS and Microsoft SQL to optimize UI and fix bugs for university's new Gatepass portal.
- Worked with real time feedback of 30+ test users (Students, wardens, admin and guards).

Deep Learning on Embedded Systems

- Used Jupyter Notebooks and Arduino IDE to deploy an autoencoder based anomaly detection model on Arduino Nano BLE Sense Rev 2 microcontroller.
- Tested the pipeline using ECG5000 dataset and explored various optimization strategies (NAS, QAT and PTQ).
- Co-authored a research paper which was presented at JECRC ICETESS 2025 conference.

Education

BTech CSE, NIIT University

2022 to 2026

CGPA – 8.31

Relevant Modules: AI, ML, DBMS, OS

XII, Bhartiya Vidya Bhavans, Vadodara (CBSE)

2022

X, Oakland Public School, Lohaghat (CBSE)

2020

Skills

- Programming Languages: Python, SQL, Javascript, Java
- Automation tools: Power Apps, Power Automate
- Data Analysis & Visualization: Power BI, Pandas, Numpy
- Machine Learning & Deep learning: TensorFlow

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Certification

- Supervised Machine Learning by Coursera, July 5 2025
- Advanced Learning Algorithms by Coursera, July 8 2025
- Unsupervised Learning, Recomenders, Reinforcement Learning by Coursera, July 8 2025