Yash Kuletha

Neemrana, Rajasthan | +91 9157317581 | 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.
- 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**
- Developed a Resume analyzer tool for use within the organization using Power Apps, Power Automate and Power Bi.
- Additionally contributed to fixing bugs in Power Automate workflow and adding new features.
- Streamlined the process by integrating Power Bi dashboards to the application, visualizing key metrics, thereby improving screening efficiency.

Projects

NU Gatepass
- Contributed to the technical writeup of the university's new gatepass portal.
- Used React, Tailwind CSS and Microsoft SQL to optimize UI, fix bugs and add new features for the Gatepass portal.
- Worked with real time feedback of 30+ test users (Students, wardens, admin and guard).

Deep Learning on Embedded Systems
- Used Jupyter Notebook 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 – 8.31 CGPA   **2022 to 2026**
Relevant Modules: AI, ML, DBMS, OS, Deep Learning and Generative AI, Responsible AI
Class XII, Bhartiya Vidya Bhavans, Vadodara (CBSE)   **2022**
Class X, Oakland Public Schhol, Lohaghat (CBSE)   **2020**

Skills

- Programming Languages: Python, SQL, Javascript, Java
- Python Libraries: Pandas, NumPy, TensorFlow
- Business Intelligence: Power BI, Power Apps, Power Automate
- Web Development: React, Node.js, Express.js

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Certifications

- 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

Positions of Responsibility

Design Club Coordinator, NIIT University   **2024 to 2025**

- Organized workshops for Blender, Photoshop, Premiere Pro and After Effects.
- Collaborated with other club members to organize designing competitions.