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Lakshay Tyagi

Technical Skills: Python programming, Data Science, Machine Learning, Deep Learning, SQL database management, HTML, CSS, Svelte framework.

Certification: Python for Data Science and Machine Learning, Applied ML using Python by the University of Michigan, Fundamental of Data Analytics (FutureSkills)

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE) AI&ML	Jun 20–Ongoing	Vellore Institute of Technology - Bhopal	8.57/10
Class XII	April 20	Bal Mandir Sr. Sec. School (CBSE)	90.66%
Class X	April 18	Bal Mandir Sr. Sec. School (CBSE)	86.5%

ACADEMIC PROJECTS

Python (Machine Learning)	<ul style="list-style-type: none">▪ Identity-Wizard (Aug'21-Nov'21) (3 Months)<ul style="list-style-type: none">- Description: Our image-based algorithm effectively determines the age and gender of individuals, ensuring the authenticity of social media platforms and preventing the creation of fraudulent accounts. By simply uploading their image, users can receive precise age and gender predictions.- Technology: Python, OpenCV, Machine Learning
Python (AI, Deep Learning)	<ul style="list-style-type: none">▪ JobBridge- Job Recommendation Engine (Dec'21-Mar'22) (3 Months)<ul style="list-style-type: none">- Description: Our platform suggests ideal job matches for both job seekers and employers based on their requirements and skill sets.- Technology: Python, NLP, One Hot Encoding, Collaborative Filtering, DL
Python (AI, Deep Learning)	<ul style="list-style-type: none">▪ Only U - Active Noise Cancellation (Jan'23-Apr'23) (3 Months)<ul style="list-style-type: none">- Description: Our Artificial Intelligence-powered solution effectively reduces or eliminates unwanted noise, enhancing productivity during virtual meetings, classes, e-games and work environments.- Technology: Python, Feature Engineering, Deep Learning and RNN.

INTERNSHIPS

Inflection Zone Sep'22-Feb'23 (5 Months)	Nutritious content Analysis of food items (Deep Learning): <ul style="list-style-type: none">- We developed a health-focused dataset containing diverse food items, including fruits and vegetables, for quantitative analysis. This data served as training material to create models for assessing nutritional aspects.
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CO-CURRICULARS

Coding	<ul style="list-style-type: none">▪ Hackerrank 5 Star in Python, 5 Star in SQL▪ AI workshop at IIT Bombay
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EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements	<ul style="list-style-type: none">▪ Achieved 1st Runner-up position as the Team Lead in Rocket Assembling and Launching at Advitya'22.▪ Secured a \$200 prize pool in the Cloud Native Hackathon.▪ Participated in the TES-45 (Technical Entry Scheme) up to the Conference round.
Responsibilities	<ul style="list-style-type: none">▪ Served as the Team Lead for the Sponsorship team at Advitya'23.▪ Acted as the Co-Ordinator for the Sports Fest 2022 at VIT Bhopal.
Extracurricular	<ul style="list-style-type: none">▪ Competed as a Zonal level Volleyball Player.

ADDITIONAL INFORMATION

Hobbies	<ul style="list-style-type: none">▪ Engaging in physical fitness activities and participating in e-gaming.
Languages	<ul style="list-style-type: none">▪ English, Hindi