LUVKUSH SINGH

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PROFESSIONAL SUMMARY

Computer Science undergraduate specializing in Artificial Intelligence, Machine Learning, and Data Science. Strong foundation in Python, statistics, data analysis, and machine learning algorithms. Hands-on experience through academic and personal projects involving data processing, model training, and evaluation. Seeking internship opportunities in Data Science, Machine Learning, or Software Development.

EDUCATION

VIT Bhopal University 2023 – 2027
B.Tech in Computer Science Engineering (AI & ML)
CGPA: **8.3 / 10.0**
Relevant Coursework: Data Structures, Algorithms, Artificial Intelligence, Machine Learning, Deep Learning, Probability & Statistics

EXPERIENCE

Core Member — VITronix Club, VIT Bhopal Sep 2024 – Present

- Worked on AI, machine learning, and data-driven initiatives in a collaborative student technical club.
- Assisted in data analysis, model experimentation, and implementation of ML concepts using Python.
- Participated in team discussions, ideation, and problem-solving for technical projects.
- Developed practical understanding of AI/ML workflows, teamwork, and technical communication.

PROJECTS

AI Language Translator GitHub

- Developed an AI-based language translation application using Natural Language Processing techniques.
- Implemented text preprocessing, tokenization, and model evaluation for improved translation accuracy.
- Gained hands-on experience with NLP pipelines and data-driven experimentation.

Image Super Resolution using CNN GitHub

- Built a Convolutional Neural Network to enhance low-resolution images.
- Trained and evaluated deep learning models on image datasets.
- Applied computer vision techniques for feature extraction and image enhancement.

TECHNICAL SKILLS

Programming Languages: Python, Java, SQL
Data Science: Data Analysis, Exploratory Data Analysis (EDA), Statistics, Data Cleaning
Machine Learning: Supervised & Unsupervised Learning, CNNs, NLP, Model Training & Evaluation
Libraries & Tools: NumPy, Pandas, Matplotlib, Git, GitHub, Python Virtual Environments

CERTIFICATIONS

- **Applied Machine Learning in Python** — Coursera
- **AWS Certificate Course**
- **TCS iON Career Edge – Young Professional**
- **Cloud Computing**
- **Financial Literacy Course**