Vedant Kumar

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Motivated BCA graduate pursuing MCA, with a strong foundation in computer applications and hands-on project experience. Passionate about leveraging technical skills and practical insights to contribute effectively to the industry and build a rewarding career.

EXPERIENCE

Python Developer | Internship at Codsoft | **Jan 2024 – Feb 2024**

- Optimized data workflows with pandas and numpy, resulting in a 25% improvement in data processing efficiency for analysis and manipulation tasks.
- Applied Python libraries like tkinter, pandas, and numpy, increasing code efficiency by 20% and cutting development time by 15%.

Research and Development |Internship at Vrikshit Foundation | **Sept 2024 – Jan 2025**

- Conducted in-depth research and data analysis, identifying key trends that improved operational efficiency by **15%**.
- Assisted in developing innovative strategies and solutions, contributing to the enhancement of sustainable practices within the organization.

EDUCATION

Guru Gobind Singh Indraprastha University, Masters of Computer Application **Aug 2024**

- Currently Pursuing

Guru Gobind Singh Indraprastha University, Bachelor of Computer Application **Dec 2021 – Jun 2024**

- CGPA: 8.09

Mother Divine Public School, Class 12th **Apr 2020 – Mar2021**

- Board: Central Board of Secondary Education
- CGPA: 7.04

SKILLS SUMMARY & CERTIFICATIONS

Language: Python, SQL, Java
Framework: TensorFlow, Keras, Flask, FastAPI, OpenCV
Databases: Oracle Database, MYSQL
Certifications: Database Management, Cloud Computing, Python Programming, Java Programming

PERSONAL PROJECTS

Emotion Detection

- Developed an emotion detection system with 90%+ accuracy, identifying happy, sad, and neutral emotions using live webcam data.
- Worked on improving model consistency and addressing challenges related to fluctuating results based on input length.

Sentimental Analysis using LSTM

- Developed a sentiment analysis project with LSTM on the IMDB dataset, improving model accuracy by 85%.
- Integrated and configured modules for efficient data acquisition in an embedded system, improving system response time by 25%.