SANSKRUTI UDAGE

The role you are applying for?

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ABOUT MYSELF

I am an enthusiastic individual with a strong foundation in coding, backed by prior experience in machine learning and a solid grasp of data structures and algorithms. I have completed an internship, demonstrating practical application of my skills, and possess a strong command of Python along with a good proficiency in C++,Python and Gen AI.

EXPERIENCE

Machine Learning Intern

Edu-versity

05/2024 08/2024 Gurugram

PROVIDING INDUSTRIAL TRAINING

- Gained hands-on experience with real-world machine learning projects.
  Mastered essential tools and techniques, including Python, scikit-learn, TensorFlow, and NLP.
  Developed predictive models, performed data analysis, and implemented end-to-end machine learning solutions. Collaborated with a talented team, enhancing my problem-solving and analytical skills.

EDUCATION

High school(10th grade)

OLF CONVENT SCHOOL

2011 - 2020

Senior secondary(12th grade)

DAV School

2020 2022

BTECH(CSE-AIML)

VIT Bhopal

2023 2027

KEY ACHIEVEMENTS

INTERNSHIP

Successfully completed an internship, gaining hands-on experience in applying machine learning and data

PYTHON AND AIML CERTIFIED

Completed Vityarthi course on Python and AIML enhancing technical expertise.

SKILLS

Python C Machine Learning Algorithms Model Building Practical Implementation Data Structures Problem-solving Python Certified AI/ML Certified Collaboration Innovation Teamwork Software Development

PROJECTS

MOVIE RECOMMENDATION

Python | Scikit-surprise | Streamlit

- Built a collaborative filtering model using SVD/KNN to recommend movies based on user ratings.
- Achieved **85% accuracy** on MovieLens dataset.
- Deployed as an interactive web app using Streamlit.
- **GitHub**: github.com/Sanss25/movie-recommender

2. Pneumonia Detection from X-rays

Python | TensorFlow | CNN

- Trained a ResNet-50 model to classify pneumonia in chest X-rays with 92% F1-score.
- Preprocessed DICOM images using OpenCV and reduced false positives by 15%.
- **GitHub**: github.com/Sanss25/pneumonia-detection

3. Sentiment Analysis for Social Media

Python | NLP (BERT) | Flask

- Fine-tuned BERT to classify tweet sentiments (positive/negative/neutral) with 89% accuracy.
- Deployed as a REST API using Flask.
- **GitHub**: github.com/Sanss25/sentiment-analysis

LANGUAGES

Python

Native

C
Advanced

Java
Advanced

PASSIONS

Solving real-world problemsthrough coding and machine

Continuously learning andupskilling in programming and

Playing basketball, fosteringdiscipline, teamwork, and a learning AI/ML competitive spirit