Komal Balasaheb Khare

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Professional Summary

Innovative AI & ML enthusiast with a strong technical foundation and hands-on experience in developing cutting-edge projects like language translation and sign language detection. Proficient in Python, TensorFlow, and Google Cloud. Actively seeking opportunities to drive impactful AI solutions and accelerate growth in the AI/ML field.

Projects

- **Advanced Language Translator:** Real-time translation system with 90% accuracy and 85% idiomatic handling. (Python, TensorFlow, Hugging Face)
- **Sign Language Detection:** Deep learning model for gesture recognition with 95% accuracy. (Python, TensorFlow
- **Real-Time Social Media Sentiment Analysis:** Developed a real-time sentiment analysis tool for social media with 90% accuracy using Python, Tweepy, TextBlob, and Streamlit
- **Face Mask Detection:** Real-time mask detection with 92% accuracy. (Python, OpenCV)
- **Multilingual Health Advice System:** Developing a system to provide health advice in multiple languages leveraging LLMs (Large Language Models).

Skills

- **Languages:** Python, SQL, Java, C
- **Frameworks:** TensorFlow, Keras, Scikit Learn, Numpy, Pandas, Matplotlib, OpenCV
- **Tools:** MySQL, Anaconda, VSCode, Jupyter
- **Platforms:** Windows
- **Soft Skills:** Time Management

Certifications

- **Generative AI** – Microsoft & LinkedIn, Oct 2023
- **AI for Cybersecurity** – AWS, Jun 2024
- **Data Analysis Using R** – Infosys, Apr 2023
- **TensorFlow** – Coursera, Mar 2024
- **Python for Data Science & ML** – Udemy, May 2024

Education

- **Bachelor of Technology in Artificial Intelligence and Machine Learning**
  Dr. Babasaheb Ambedkar Technological University (DBATU), Aurangabad
  Completed 3rd Year (Expected Graduation: 2025)

Extracurricular Activities

- Event Coordinator, Deogiri College (Mar 2022): Managed technical events.
- Attendee, IIT Bombay AI Workshop (TechFest 2022): Participated in AI discussions and learning.