Mountain Classification Enhancement
Areas for Improvement:

1. **Model Architecture and Training:**
    - **Use automated hyperparameter tuning methods like Optuna or Ray Tune to optimize performance.**
    - **Fine-tune focal loss parameters for improved accuracy.**
    - **Experiment with different learning rates and scheduling strategies to enhance model convergence.**
    - **Implement model distillation to reduce model size while maintaining performance.**
2. **Data Quality and Quantity:**
    - **Generate examples using templates to expand the dataset size.**
    - **Include multilingual mountain names and geographical features as elevation, locations, ranges.**
    - **Provide local names (for instance, model does not know about Hoverla Mount).**
3. **Feature Additions:**
    - **Add geographical location tagging for improved contextual understanding.**
    - **Enable multi-language support, handle abbreviations, and variations in mountain names for better recognition.**
    - **Expand model capabilities to detect mountain-related terminology in diverse contexts.**