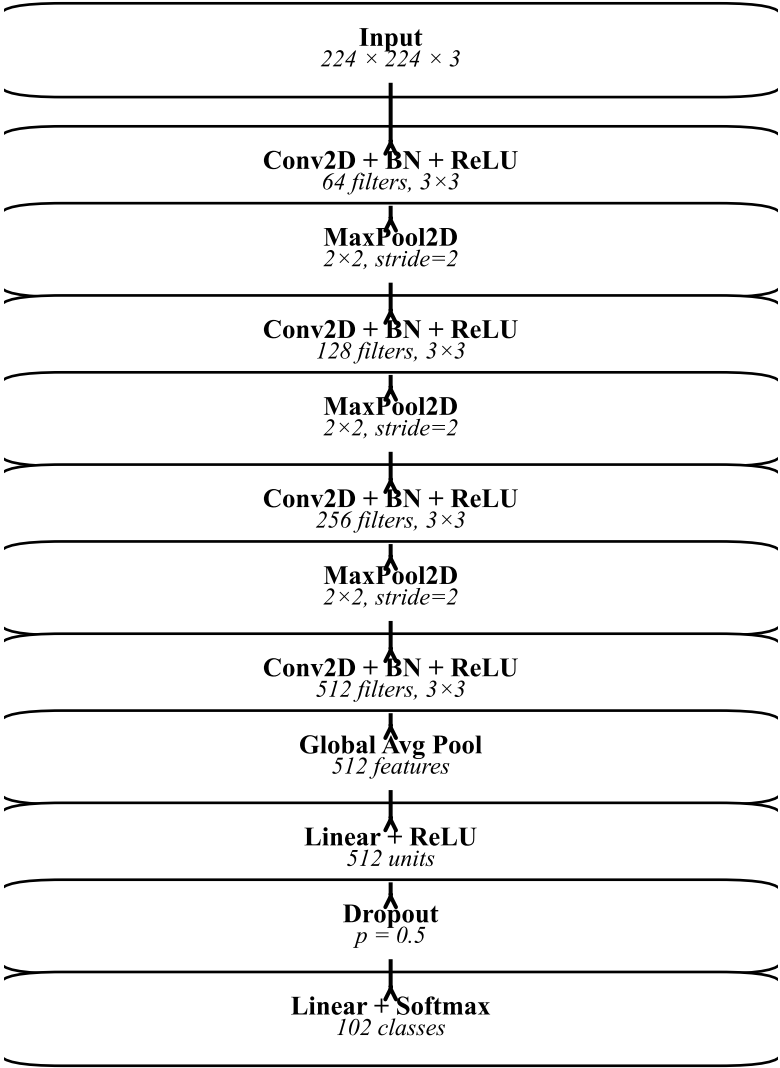


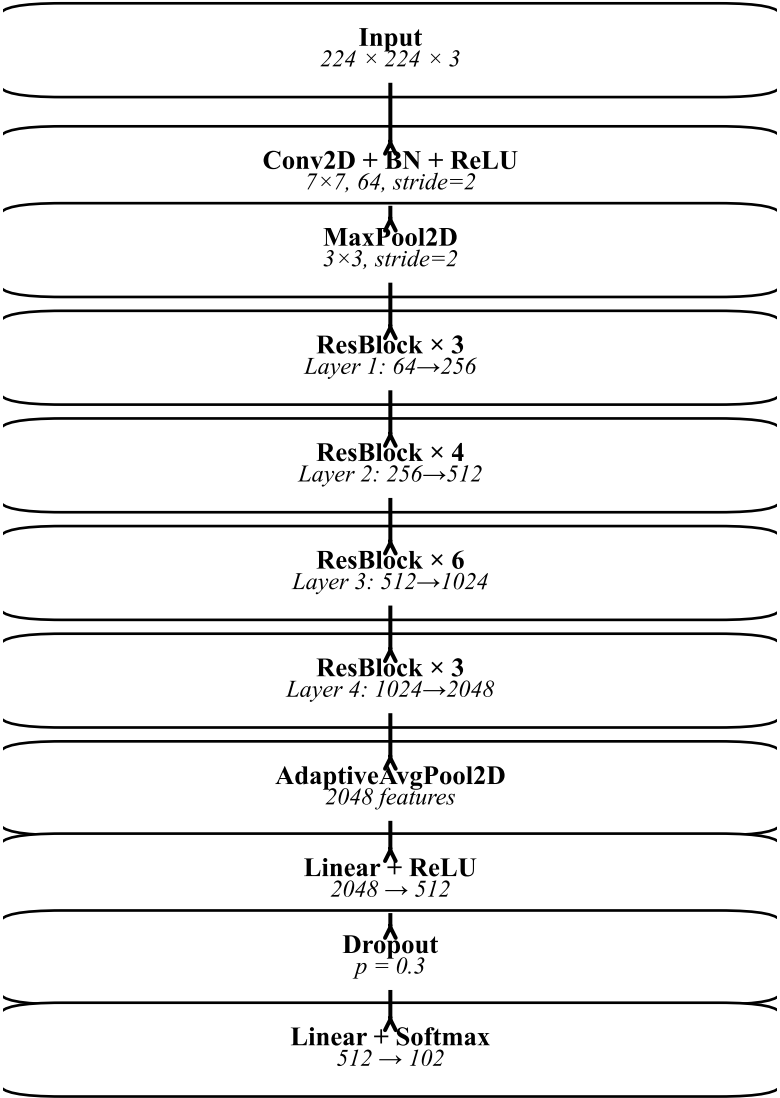
# Model Architectures Comparison

(a) Baseline CNN



Parameters: ~1.87M

(b) ResNet50 (Transfer Learning)



Parameters: ~23.5M  
Pre-trained on ImageNet  
Phase 1: Frozen (15 epochs)  
Phase 2: Fine-tune (32 epochs)