ResNet-50 Architecture with Feature Map Visualization
ISIC Dermoscopy → Grad-CAM Target: Layer4 (7×7×2048)

Input	Conv1 + BN	MaxPool	Layer1	Layer2	Layer3	Layer4*	AvgPool	FC
224×224×3	112×112×64	56×56×64	56×56×256	28×28×512	14×14×1024	7×7×2048	1×1×2048	7 classes

Layer1
56×56×256

Layer2
28×28×512

Layer3
14×14×1024

Layer4
7×7×2048