Epoch 1/4

245/245 [==============================] - 2033s 8s/step - loss: 0.5251 - accuracy: 0.9608 - val\_loss: 0.1122 - val\_accuracy: 0.9887

Epoch 2/4

245/245 [==============================] - 2114s 9s/step - loss: 0.0423 - accuracy: 0.9955 - val\_loss: 0.0768 - val\_accuracy: 0.9944

Epoch 3/4

245/245 [==============================] - 2078s 8s/step - loss: 0.0482 - accuracy: 0.9949 - val\_loss: 0.1531 - val\_accuracy: 0.9927

Epoch 4/4

245/245 [==============================] - 2040s 8s/step - loss: 0.0375 - accuracy: 0.9973 - val\_loss: 0.0837 - val\_accuracy: 0.9947

Plotting history...

Calculating prediction accuracy...

245/245 [==============================] - 1603s 7s/step - loss: 0.0324 - accuracy: 0.9974

71/71 [==============================] - 452s 6s/step - loss: 0.0837 - accuracy: 0.9947

70/70 [==============================] - 217s 3s/step - loss: 0.0831 - accuracy: 0.9959

Train Accuracy: 0.9973801970481873

Train Loss: 0.032371602952480316

Validation Accuracy: 0.9946595430374146

Test Accuracy: 0.9959349632263184