Found 7400 images belonging to 2 classes.

Found 1808 images belonging to 2 classes.

/usr/local/lib/python3.10/dist-packages/keras/src/trainers/data\_adapters/py\_dataset\_adapter.py:121: UserWarning: Your `PyDataset` class should call `super().\_\_init\_\_(\*\*kwargs)` in its constructor. `\*\*kwargs` can include `workers`, `use\_multiprocessing`, `max\_queue\_size`. Do not pass these arguments to `fit()`, as they will be ignored.

self.\_warn\_if\_super\_not\_called()

**232/232** ━━━━━━━━━━━━━━━━━━━━ **735s** 3s/step

**57/57** ━━━━━━━━━━━━━━━━━━━━ **168s** 3s/step

Accuracy: 98.40%

A diagram of a confusion matrix

Description automatically generated with medium confidence

Precision: 98.54%

Recall: 98.40%

F1 Score: 98.43%

precision recall f1-score support

Normal 0.91 1.00 0.95 270

Pneumonia 1.00 0.98 0.99 1538

accuracy 0.98 1808

macro avg 0.95 0.99 0.97 1808

weighted avg 0.99 0.98 0.98 1808

A graph of a curve

Description automatically generated