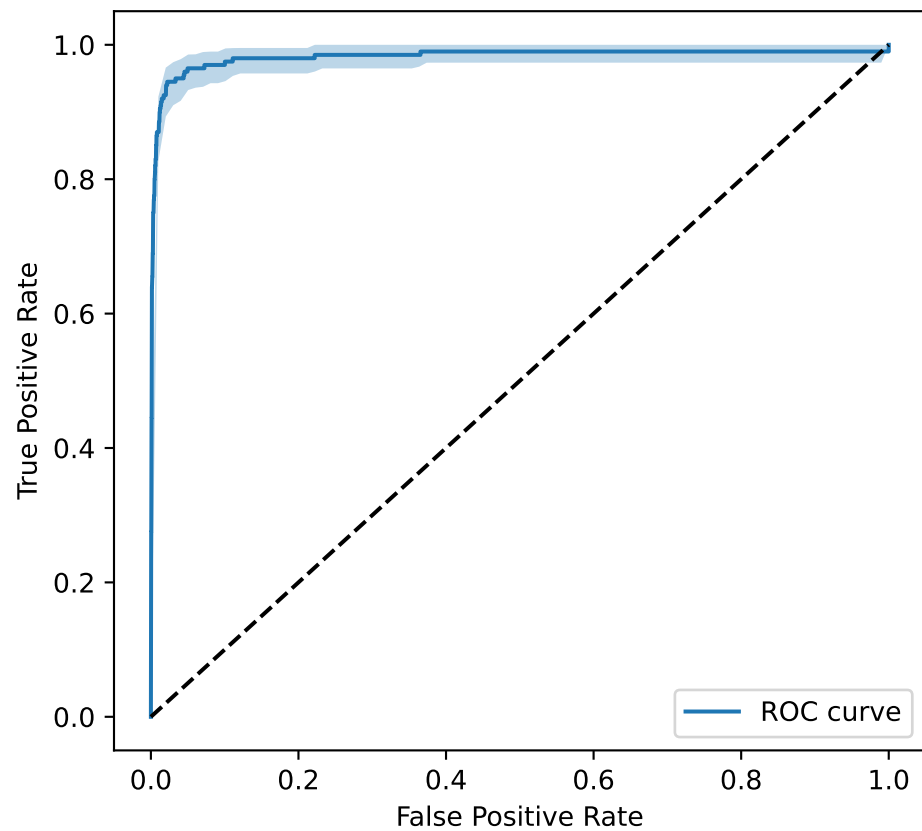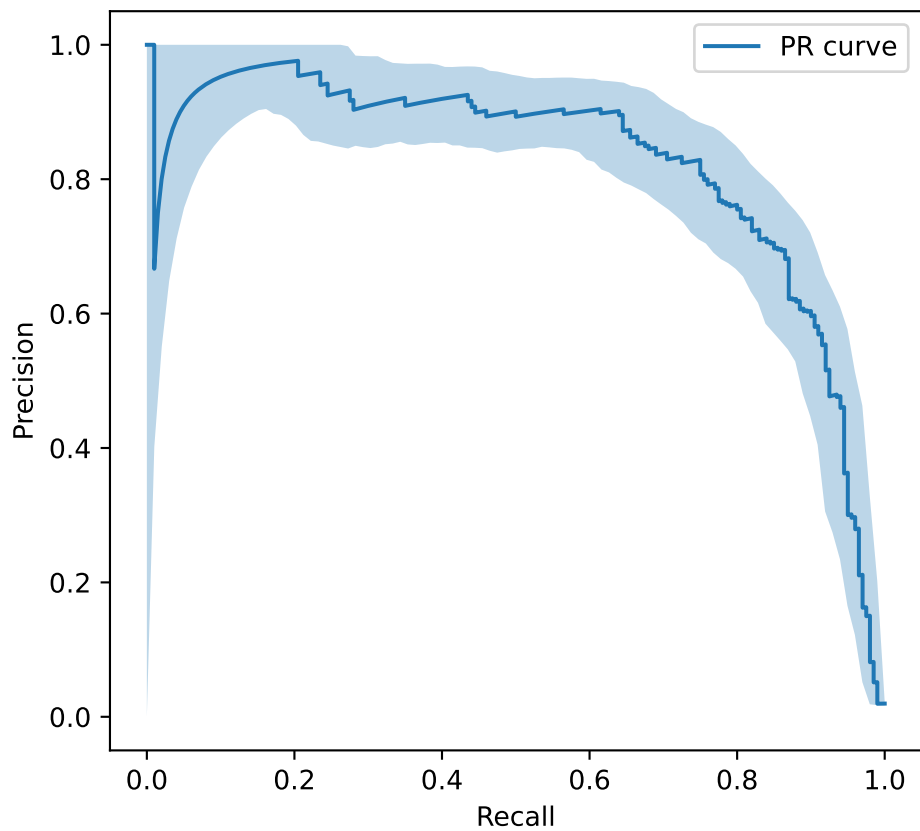ROC Curve

Precision-Recall Curve

Metrics Across Thresholds
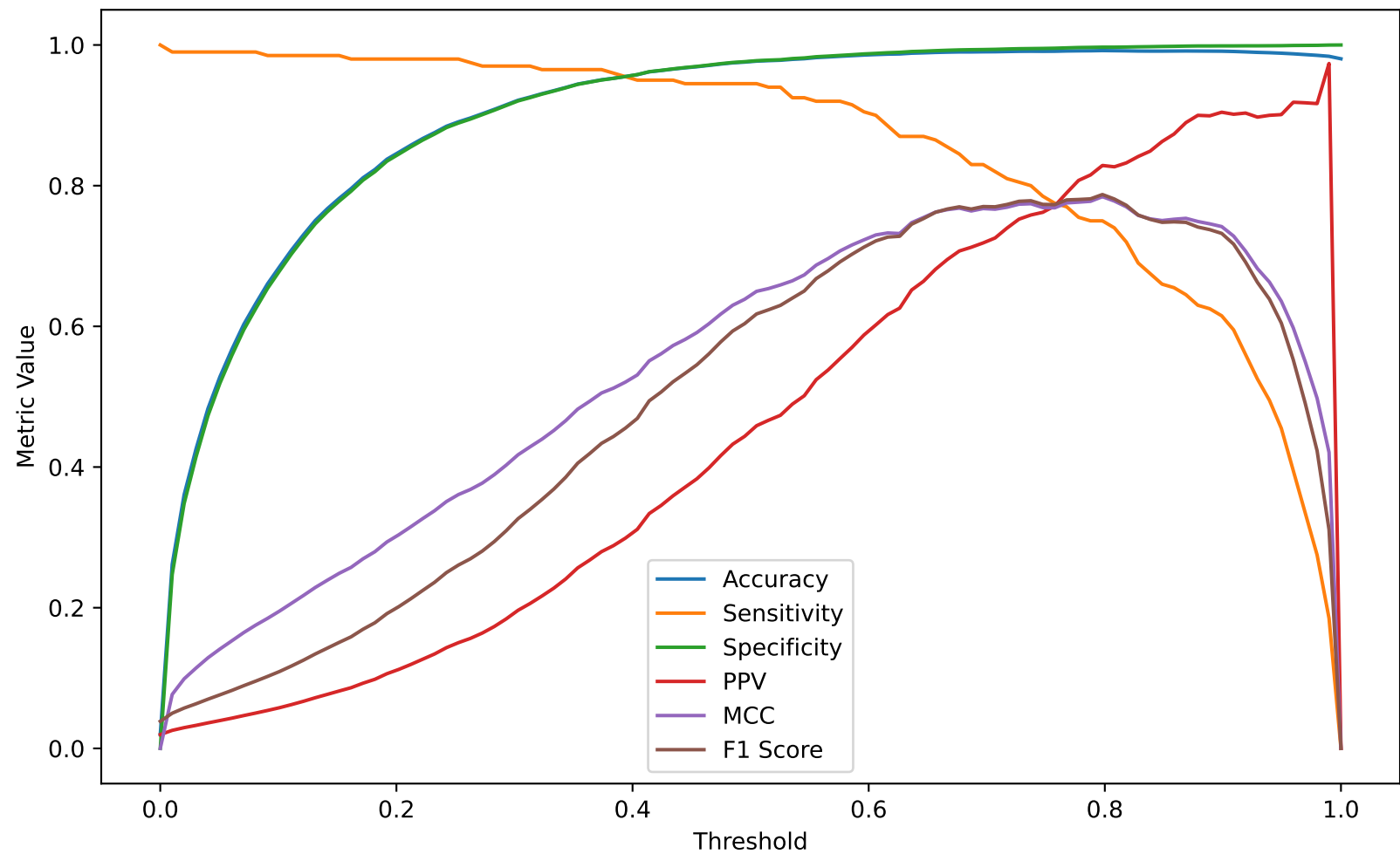
Confusion Matrix (Optimal Threshold)

	Predicted Label 0	Predicted Label 1
True Label 0	9761	221
True Label 1	11	189
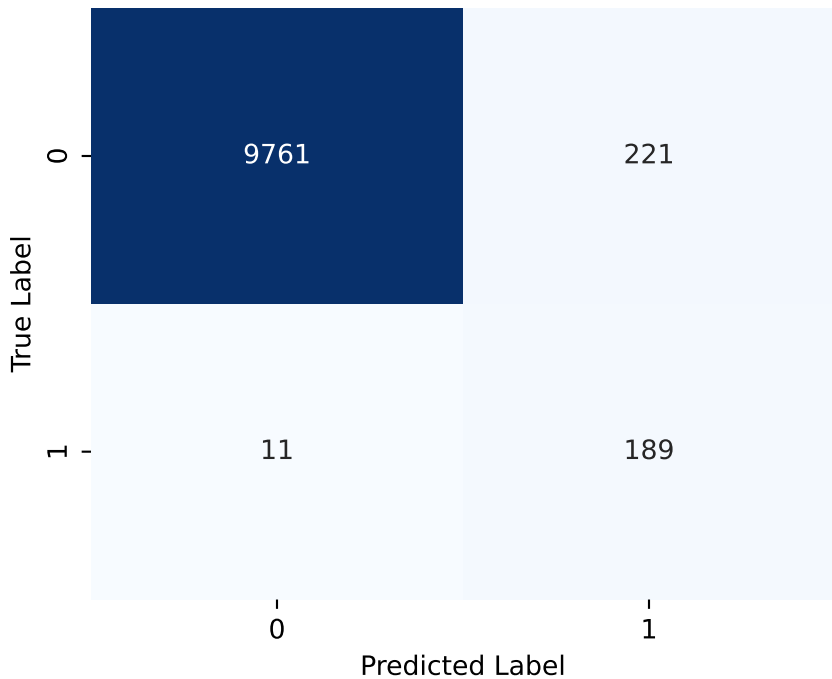
Calibration Plot
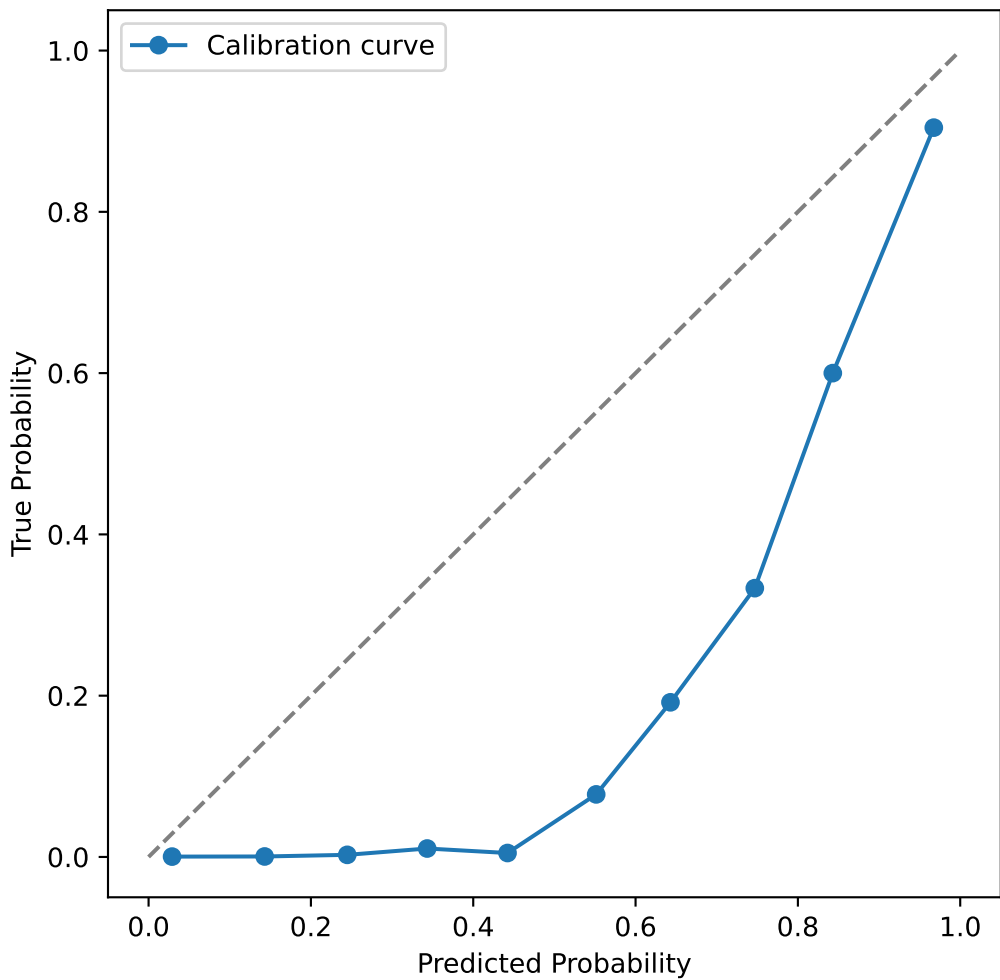
Performance Metrics at Optimal Threshold

Metric	Value	95% CI
Accuracy	0.977	[0.974, 0.980]
Sensitivity	0.945	[0.914, 0.974]
Specificity	0.978	[0.975, 0.980]
PPV	0.461	[0.414, 0.510]
MCC	0.651	[0.611, 0.689]
F1 Score	0.620	[0.575, 0.666]
AUC-ROC	0.982	[0.965, 0.994]
AUC-PR	0.823	[0.764, 0.879]

Distribution of Predictions