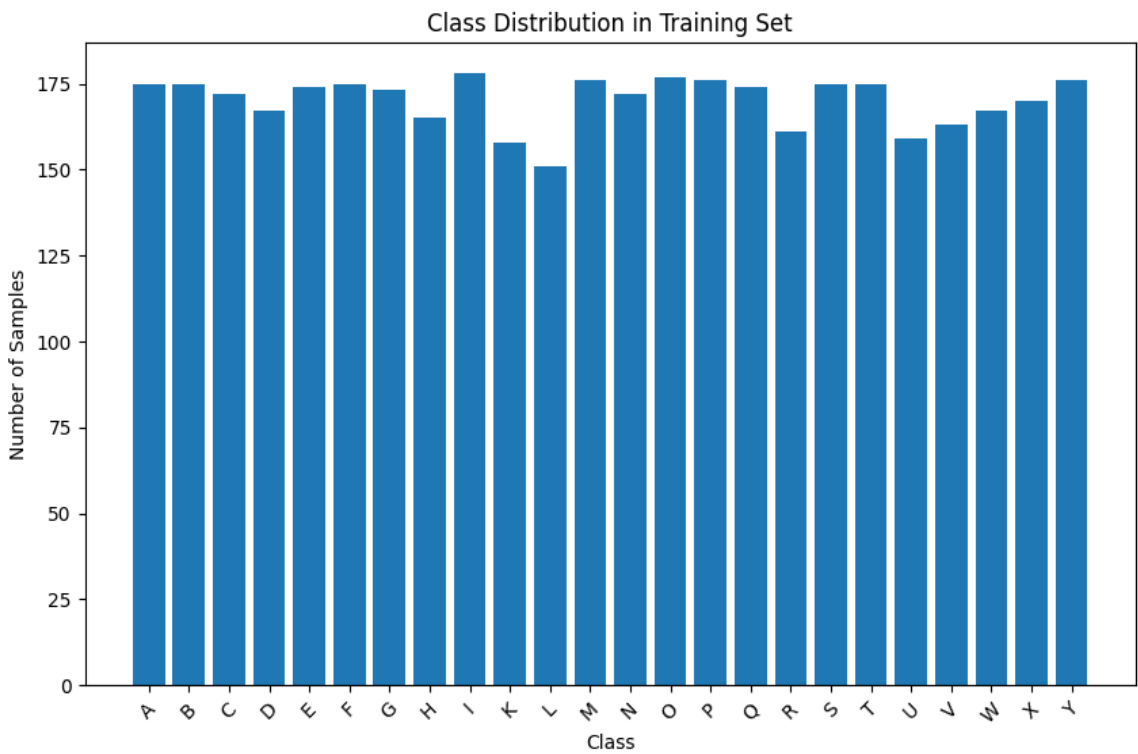


Sign Language Recognition - Training Report

Dataset Information

Total Samples	8168
Training Samples	4084
Testing Samples	4084
Number of Features	63
Number of Classes	24

Class Distribution

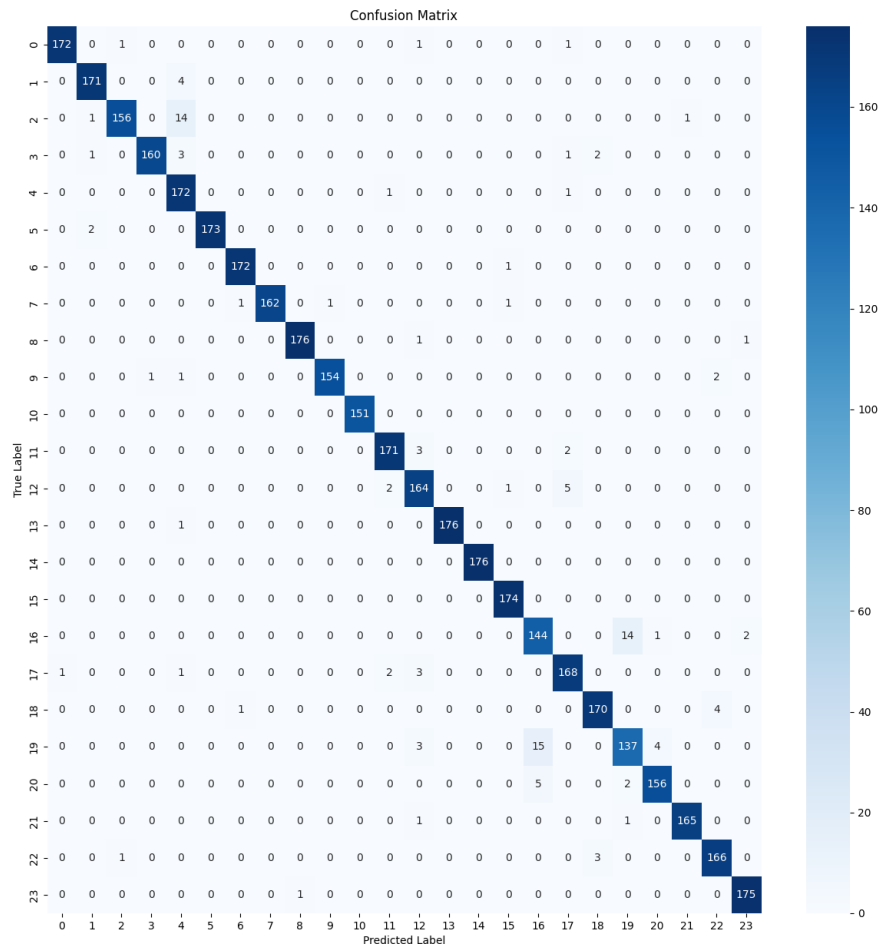


Model Performance Comparison

RandomForest Results:

Metric	Value
Accuracy	0.9699
Macro Precision	0.9703
Macro Recall	0.9693
Macro F1	0.9696
ROC AUC	0.9995
CV Mean	0.8788
CV Std	0.0052

Confusion Matrix:



SVM Results:

Metric	Value
Accuracy	0.9177
Macro Precision	0.9170
Macro Recall	0.9162
Macro F1	0.9157
ROC AUC	0.9977
CV Mean	0.8915

