

ResNet18 - 2F

ResNet18 - 2F

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Test Metrics

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Overall Accuracy: 0.8361

Macro Precision: 0.8397

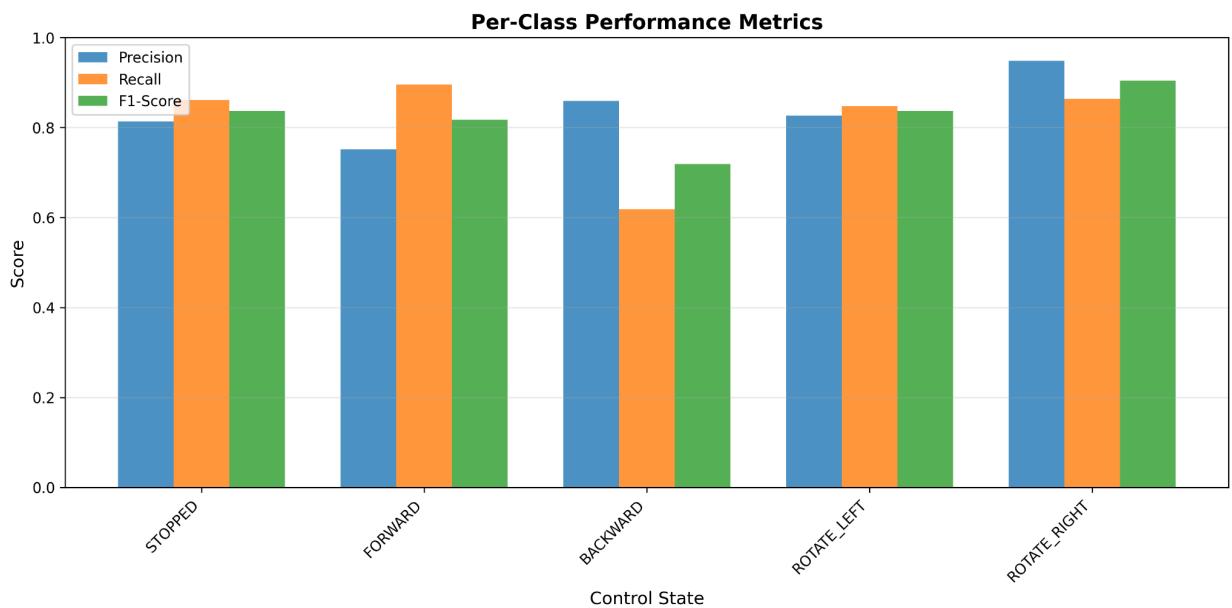
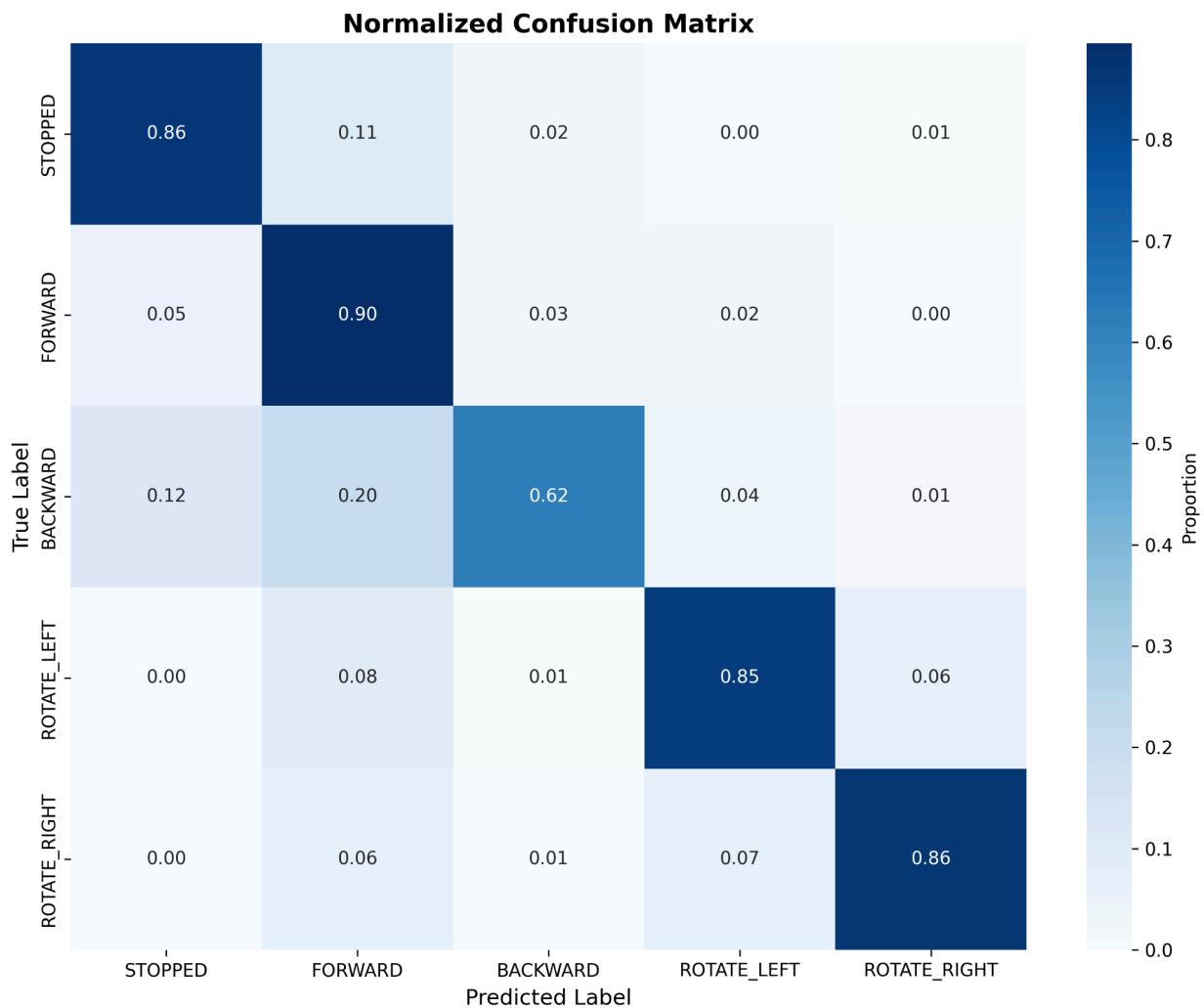
Macro Recall: 0.8172

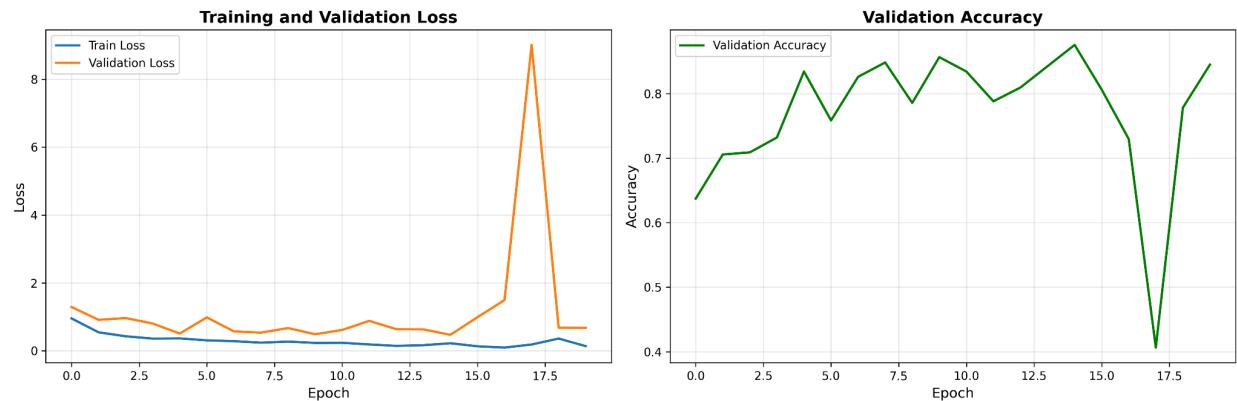
Macro F1-Score: 0.8227

Per-Class Metrics:

State	Precision	Recall	F1-Score	Support
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STOPPED	0.8131	0.8614	0.8365	101
FORWARD	0.7512	0.8953	0.8170	172
BACKWARD	0.8594	0.6180	0.7190	89
ROTATE_LEFT	0.8264	0.8475	0.8368	118
ROTATE_RIGHT	0.9483	0.8639	0.9041	191





ResNet18 - 3F

ResNet18 - 3F

Test Metrics

Overall Accuracy: 0.9149

Macro Precision: 0.9084

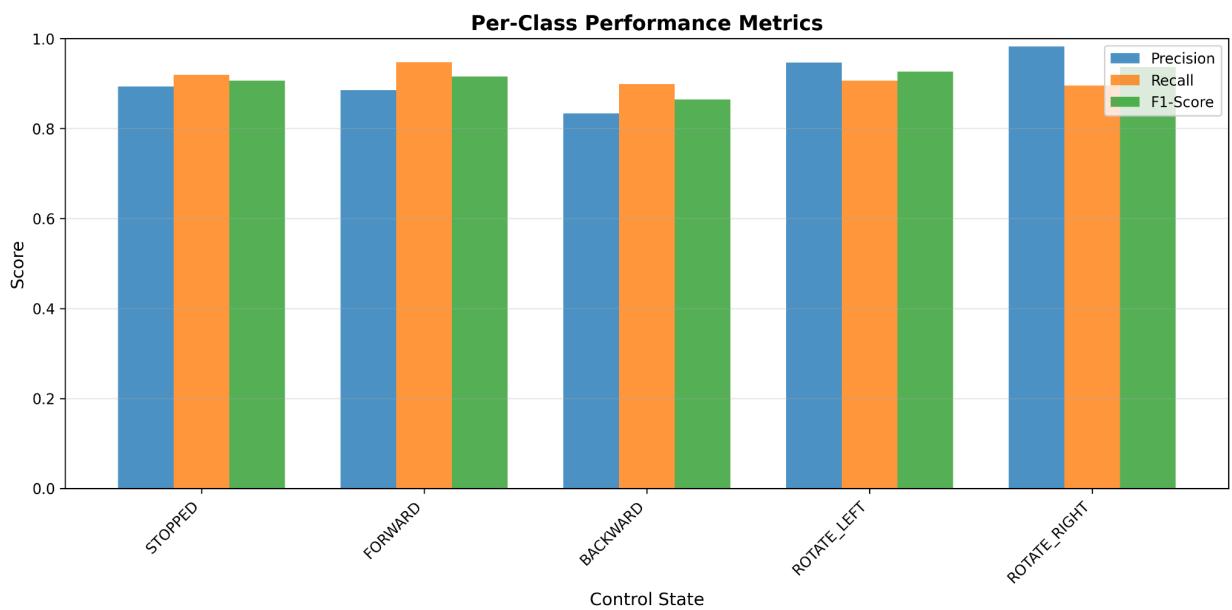
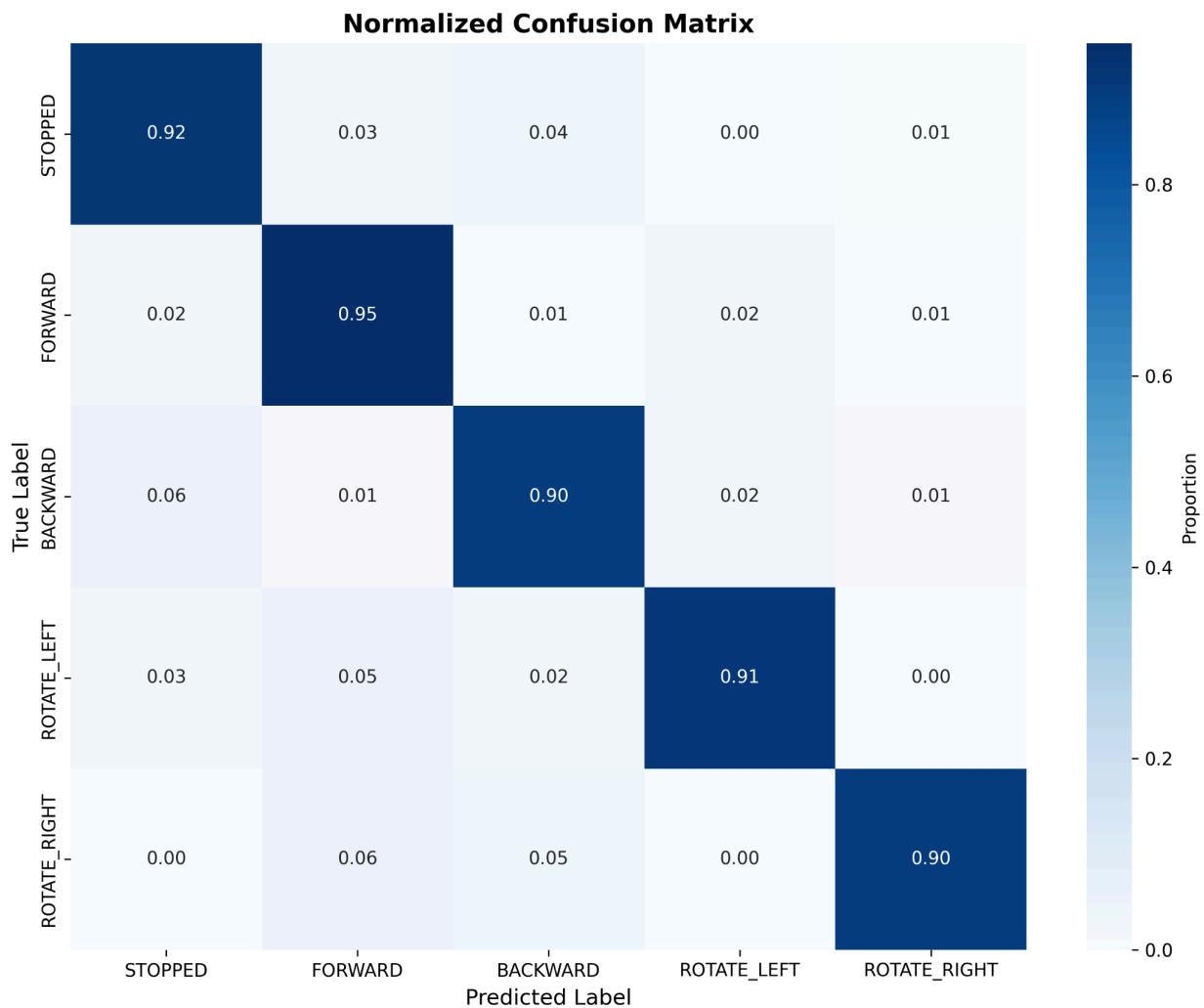
Macro Recall: 0.9137

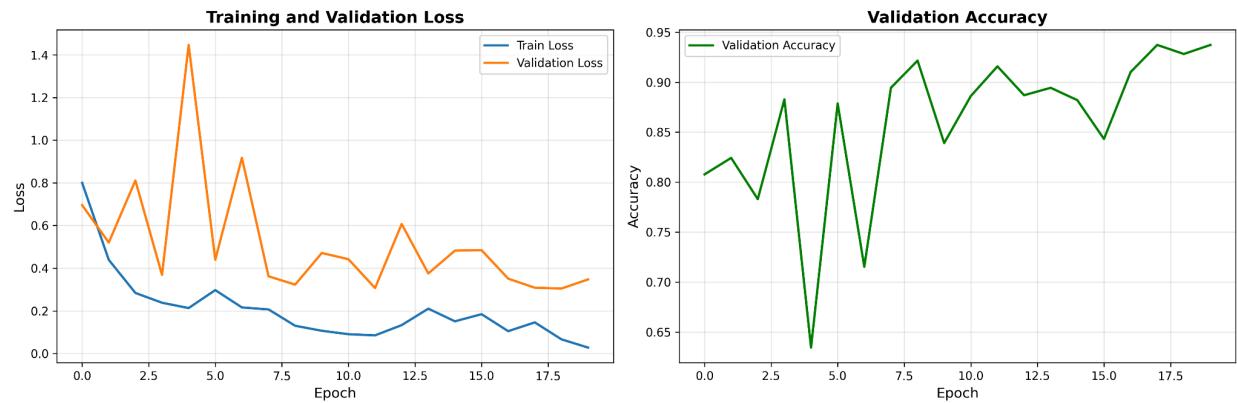
Macro F1-Score: 0.9101

Per-Class Metrics:

State	Precision	Recall	F1-Score	Support
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STOPPED	0.8932	0.9200	0.9064	100
FORWARD	0.8859	0.9477	0.9157	172
BACKWARD	0.8333	0.8989	0.8649	89
ROTATE_LEFT	0.9469	0.9068	0.9264	118
ROTATE_RIGHT	0.9828	0.8953	0.9370	191





ResNet18 - 4f

ResNet18 - 4f

Test Metrics

Overall Accuracy: 0.9223

Macro Precision: 0.9146

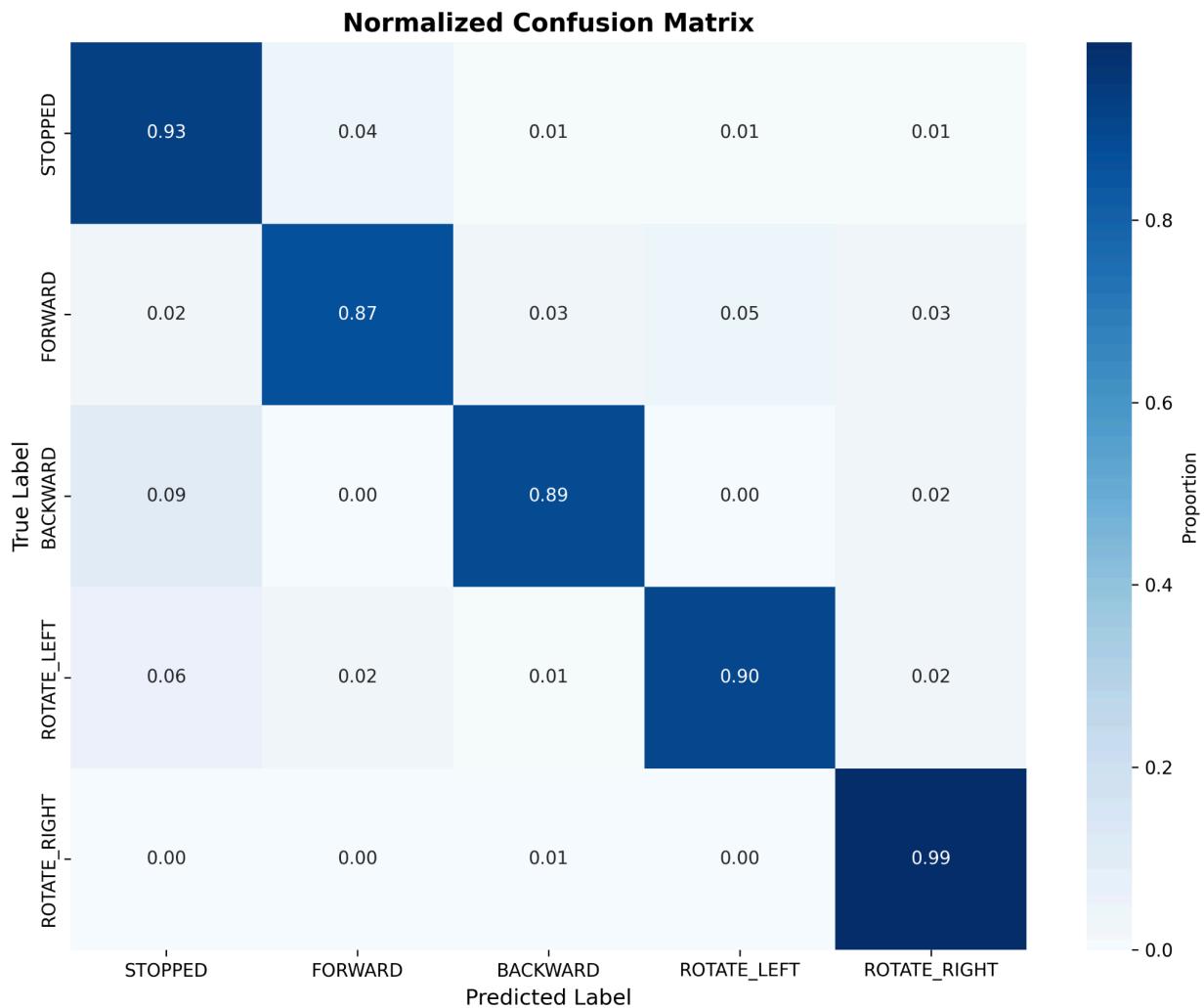
Macro Recall: 0.9164

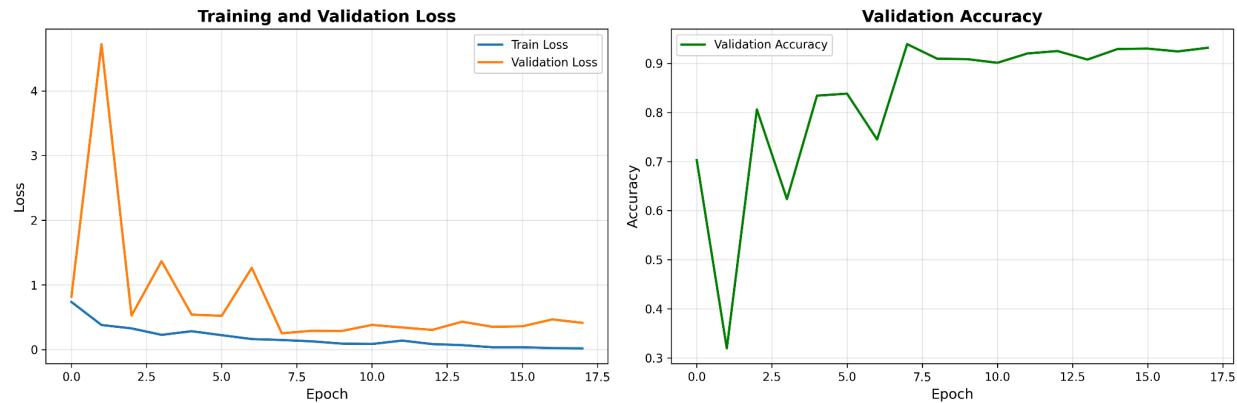
Macro F1-Score: 0.9144

Per-Class Metrics:

State	Precision	Recall	F1-Score	Support
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STOPPED	0.8364	0.9293	0.8804	99
FORWARD	0.9615	0.8721	0.9146	172
BACKWARD	0.9080	0.8876	0.8977	89
ROTATE_LEFT	0.9217	0.8983	0.9099	118
ROTATE_RIGHT	0.9453	0.9948	0.9694	191





MobileNetV2 - 2F

MobileNetV2 - 2F

Test Metrics

Overall Accuracy: 0.6990

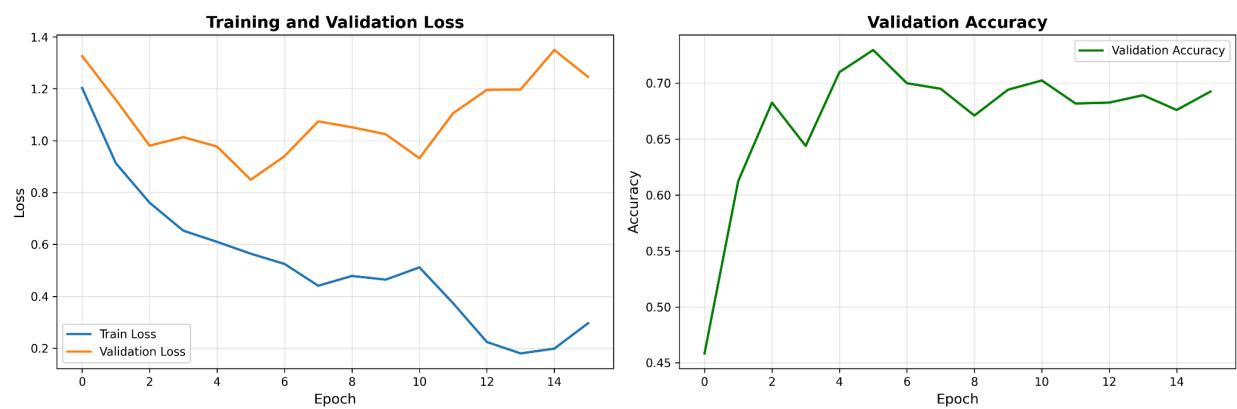
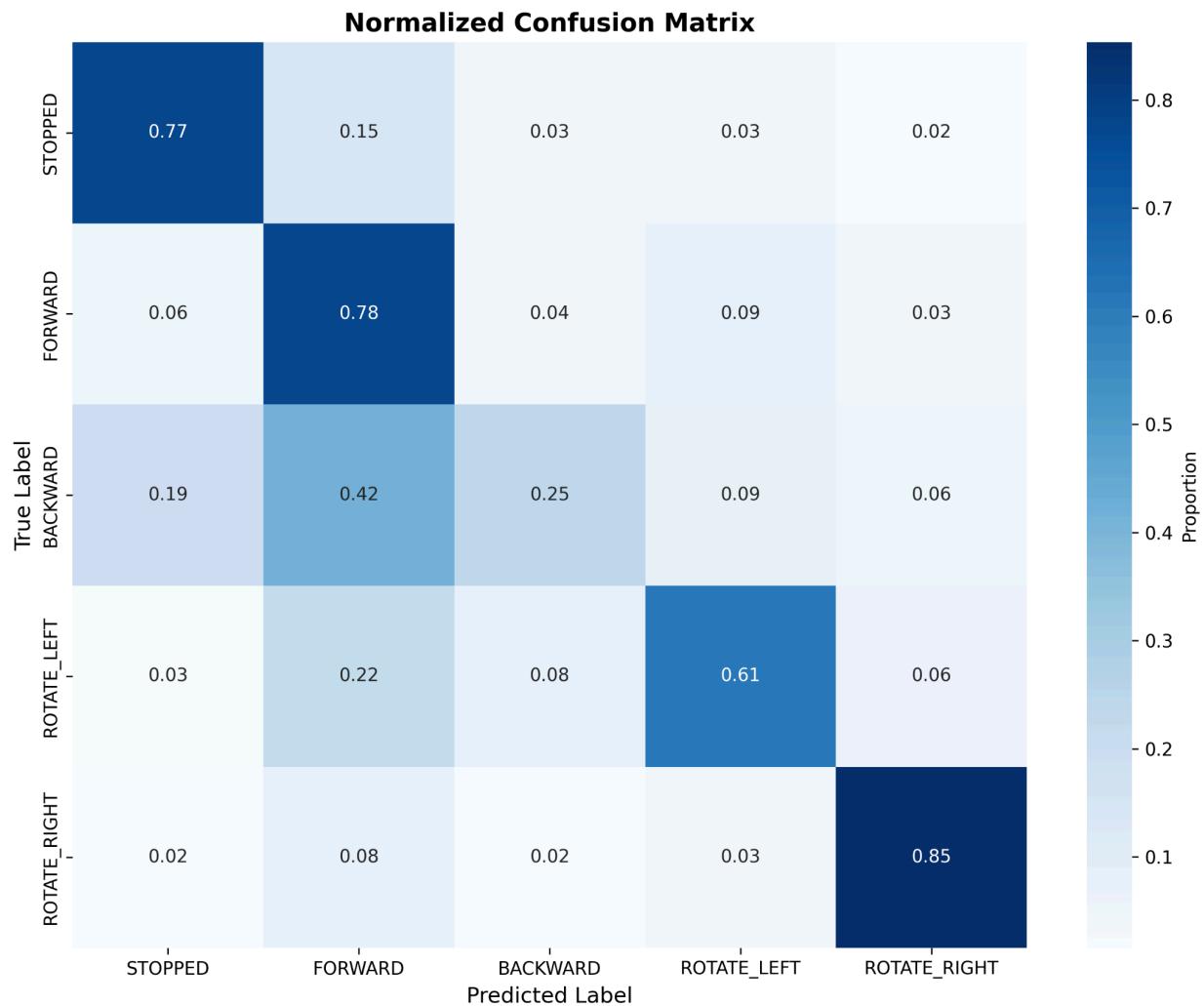
Macro Precision: 0.6709

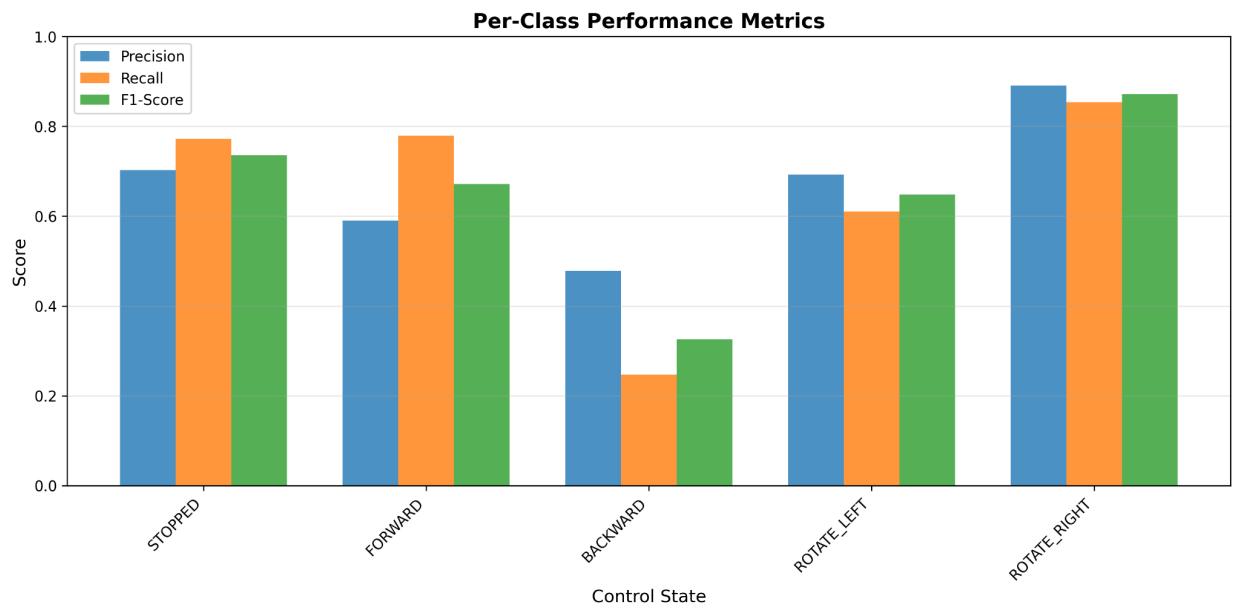
Macro Recall: 0.6524

Macro F1-Score: 0.6508

Per-Class Metrics:

State	Precision	Recall	F1-Score	Support
STOPPED	0.7027	0.7723	0.7358	101
FORWARD	0.5903	0.7791	0.6717	172
BACKWARD	0.4783	0.2472	0.3259	89
ROTATE_LEFT	0.6923	0.6102	0.6486	118
ROTATE_RIGHT	0.8907	0.8534	0.8717	191





MobileNetV2 - 3F

MobileNetV2 - 3F

===== Test Metrics =====

Overall Accuracy: 0.9194

Macro Precision: 0.9130

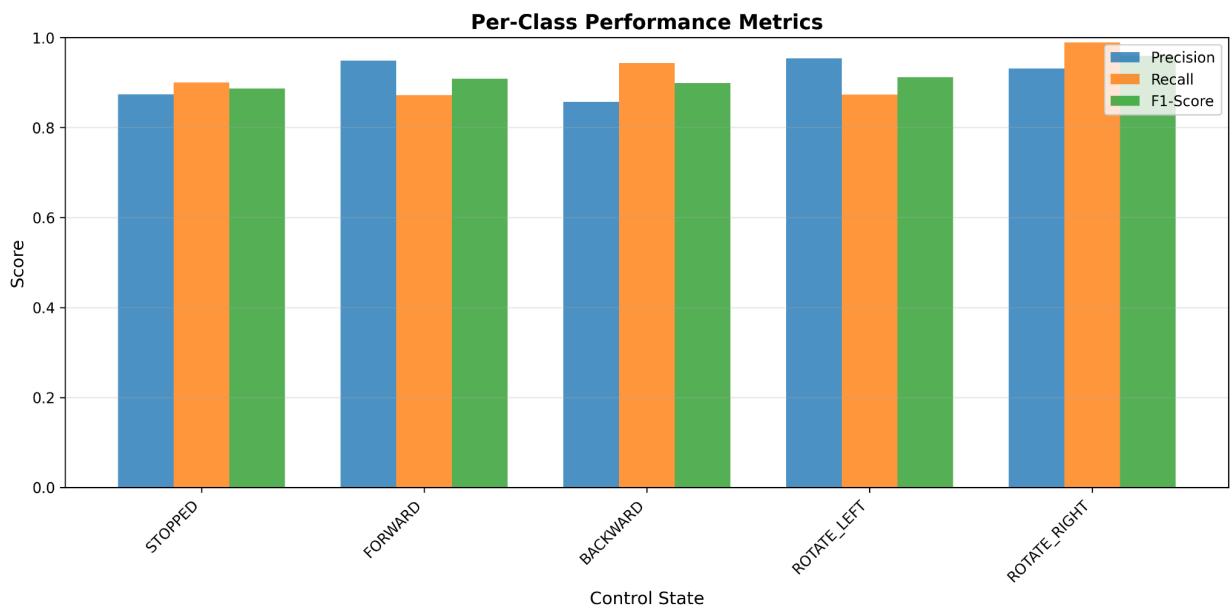
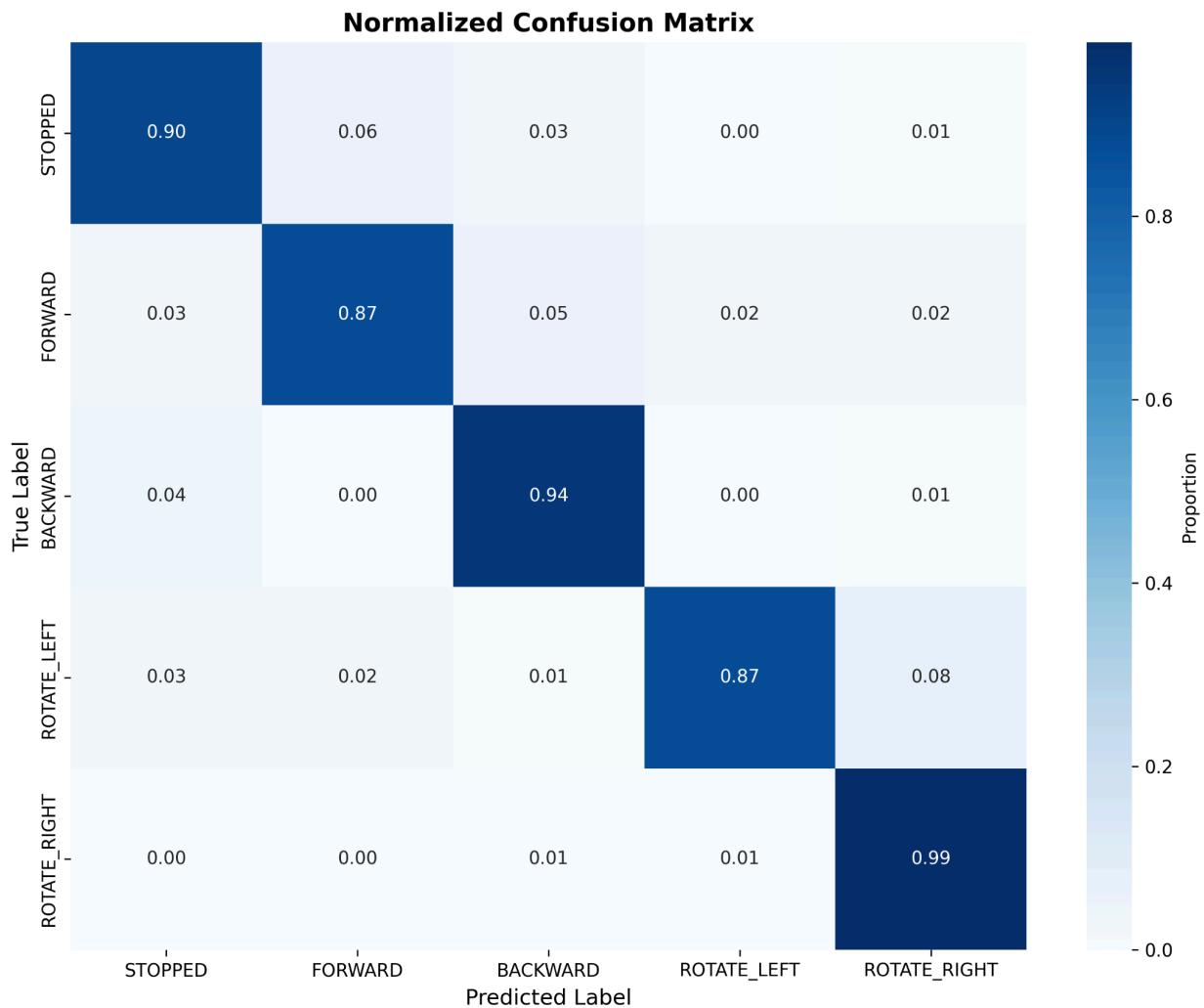
Macro Recall: 0.9157

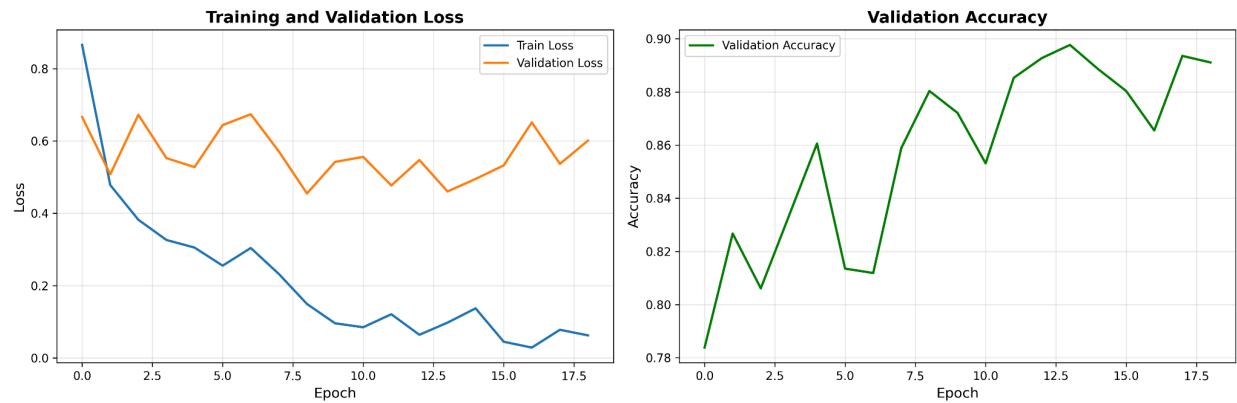
Macro F1-Score: 0.9130

Per-Class Metrics:

State	Precision	Recall	F1-Score	Support
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STOPPED	0.8738	0.9000	0.8867	100
FORWARD	0.9494	0.8721	0.9091	172
BACKWARD	0.8571	0.9438	0.8984	89
ROTATE_LEFT	0.9537	0.8729	0.9115	118
ROTATE_RIGHT	0.9310	0.9895	0.9594	191





MobileNetV2 - 4F

MobileNetV2 - 4F V2

Test Metrics

Overall Accuracy: 0.9208

Macro Precision: 0.9193

Macro Recall: 0.9022

Macro F1-Score: 0.9092

