

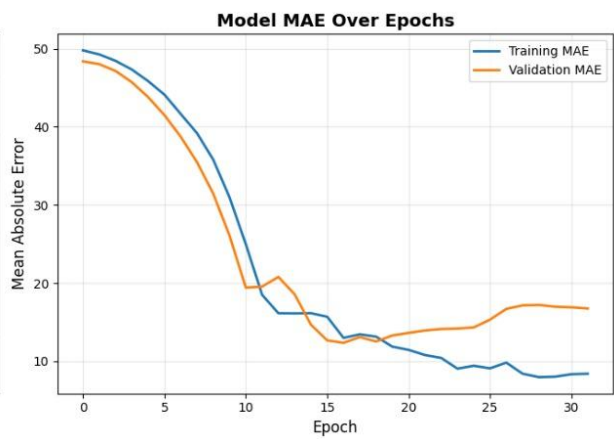
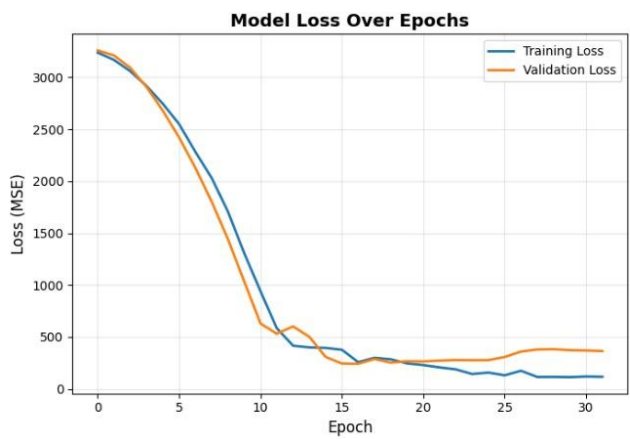
Milestone 3: Model Evaluation & Performance Assessment

Milestone 4: Risk Thresholding & Alert System

Model: "sequential"

Layer (type)	Output Shape	Param #
conv1d (Conv1D)	(None, 30, 64)	640
batch_normalization (BatchNormalization)	(None, 30, 64)	256
dropout (Dropout)	(None, 30, 64)	0
conv1d_1 (Conv1D)	(None, 30, 32)	6,176
batch_normalization_1 (BatchNormalization)	(None, 30, 32)	128
dropout_1 (Dropout)	(None, 30, 32)	0
bidirectional (Bidirectional)	(None, 30, 128)	49,664
dropout_2 (Dropout)	(None, 30, 128)	0
bidirectional_1 (Bidirectional)	(None, 64)	41,216
dropout_3 (Dropout)	(None, 64)	0
dense (Dense)	(None, 64)	4,160
dropout_4 (Dropout)	(None, 64)	0
dense_1 (Dense)	(None, 32)	2,080
dense_2 (Dense)	(None, 1)	33

Total params: 104,353 (107.63 KB)



al vs Predicted RUL Visualization ---

