```python
import pandas as pd
from sklearn.model_selection import train_test_split

# Load the dataset
data = pd.read_csv("credit_card_transactions.csv")

# Handle missing values and outliers
# ...

# Split data into training and testing sets
X = data.drop("fraud_label", axis=1)
y = data["fraud_label"]
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2, random_state=42)
from sklearn.preprocessing import StandardScaler

# Feature engineering
# ...

# Scale the features
scaler = StandardScaler()
X_train = scaler.fit_transform(X_train)
X_test = scaler.transform(X_test)
from sklearn.ensemble import RandomForestClassifier

# Choose a model
model = RandomForestClassifier(n_estimators=100, random_state=42)

# Hyperparameter tuning
# ...
# Train the model
model.fit(X_train, y_train)
from sklearn.metrics import classification_report, confusion_matrix

# Predict on the test set
y_pred = model.predict(X_test)

# Evaluate the model
print(classification_report(y_test, y_pred))
print(confusion_matrix(y_test, y_pred))
```