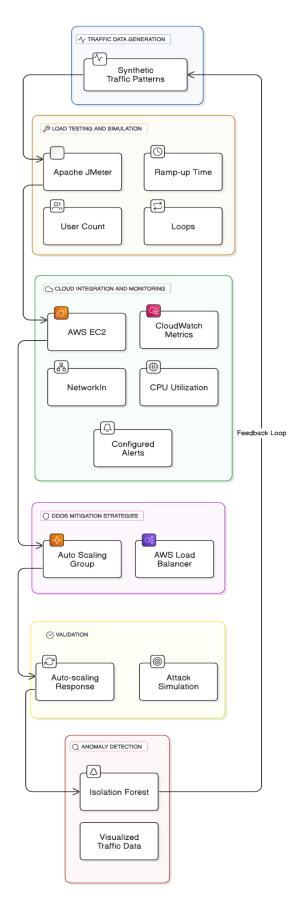
## **ARCHITECTURE DOCUMENT**

# Architecture Diagram:



# Prototype Diagram:

### AWS Cloud

### EC2 Instance

- Traffic Simulation (JMeter)
- Anomaly Detection (Isolation Forest)

#### Load Balancer

· Distributes Simulated Traffic

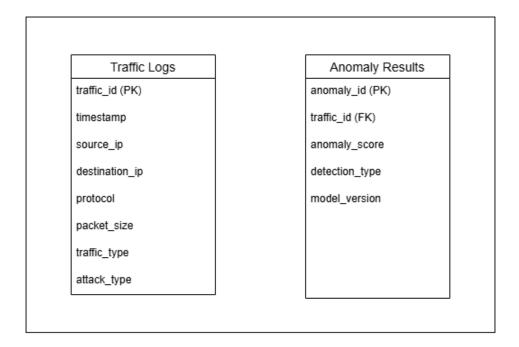
## Auto Scaling

· Automatically Adjusts Traffic Load

### CloudWatch Monitoring

Tracks Performance and Alerts

### Schema Diagram:



# E-R Diagram:

