OBLIVION'25

Intelligent Agentic AI Cybersecurity Platfor

Autonomous threat detection and response system for enterprise security.

TEAM NAME

MAGICAL HUB

SNS COLLEGE OF ENGINEERING AND TECHNOLOGY

PROBLEM STATEMENT

Create an intelligent agentic AI system for advanced cybersecurity that continuously monitors network traffic patterns, predicts and prevents zero-day attacks, adapts defense strategies in real-time, coordinates incident response across multiple organizations, analyzes threat intelligence from global sources, and maintains system security while preserving user privacy and operational efficiency.

PROPOSED SOLUTION

REAL-TIME MONITORING:

continous nettwork traffic analysis with ML pattern recognition.

PREDICTIVE DEFENSE:

zero-day attack prediction using behavioral anomaly detection.

MULTI-ORG COORDINATION:

cross-enterprise incident response and threat.

TECHNICAL APPROACH:

Neural network traffic analysis.

Adaptive ml threat models.

distributed agent architecture.

privacy-preserving data processing.

Team Member and roles

1 : R.sanjeev ram

Role : UI/Frontend, Artificial Analysis, Model Deployment .

Member 2 : dharaneesh

Role : Artificial Analysis, Dataset Creation,Backend,Frontend.

Member 3 : kavina

Role : artificial analysis support.

Member 4 : kanishka

Role : Presentation