DEVELOPING AN INTELLIGENT THREAT DETECTION SYSTEM

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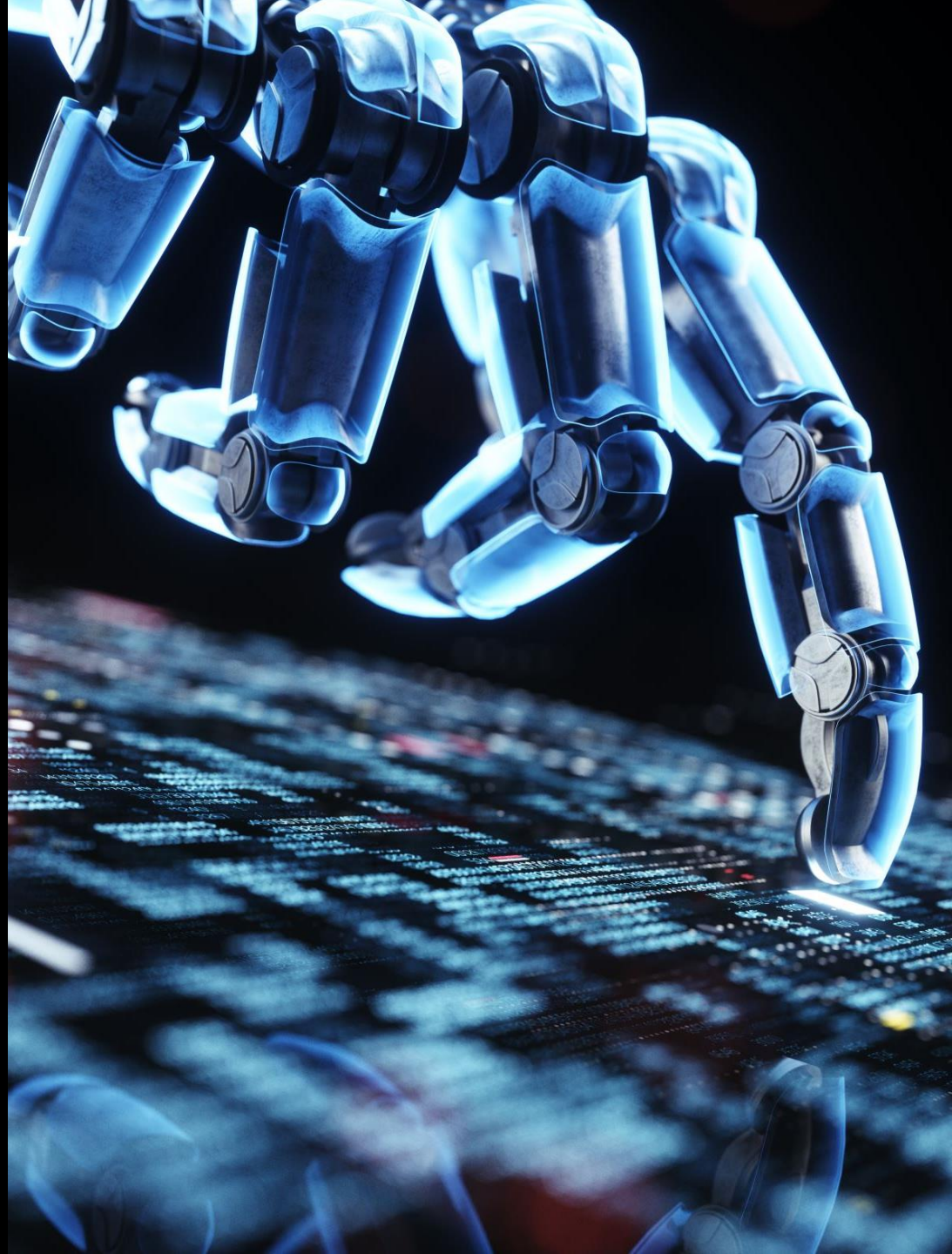

THE PROBLEM

- Cybersecurity threats are growing in frequency and complexity.
- Traditional security strategies fail to keep up with real-time threats like:
  - Malware
  - Phishing attacks
  - Unauthorized access
- Human monitoring is too slow for today's high-speed network breaches.

THE SOLUTION

- An AI-powered Intelligent Threat Detection System
- Uses machine learning to:
  - Monitor network traffic
  - Detect suspicious activity
  - Instantly respond to potential threats
- Learns and adapts faster than traditional tools

KEY FEATURES

- Real-time threat detection
- Automatic classification of cybersecurity threats
- User-friendly dashboard to monitor and manage alerts
- Adaptive AI model to handle new and unknown attacks

TECHNOLOGIES USED

- Node.js + JavaScript: Backend logic and APIs
- HTML & CSS: Frontend interface
- MongoDB: Data storage and retrieval
- TensorFlow / Scikit-learn: Machine learning threat detection models

THANK YOU