Slide 1

AI-Powered Crypto Scam Detection System

Sample Hackathon Idea Submission CipherCop 2025 BY Team Zencoders

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Problem Statement

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Proposed Solution

A secure, AI-powered platform to detect and block fraudulent content before it reaches users. ■ Verified Access – Domain-based email login (college/corporate only) ■ AI/ML Fraud Detection – Scans links, messages, and app data ■ Secure Link Repository – Only verified links/resources ■ Multi-Organization Support – Colleges, corporates, institutions ■ Law Enforcement Integration – Suspicious cases escalated

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Workflow / Architecture

1. User logs in with college/corporate email 2. Shares/post goes to TrustLink app 3. AI/ML Detection Layer: - NLP (fraud language detection) - Computer Vision (UI similarity) - Metadata (WHOIS, domain age, app permissions) 4. Risk Scoring → Safe → Deliver OR Flag → Admin Review 5. Alerts sent to students/faculty

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KEY FEATURES

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Impact

Slide 7

Tech Stack

- Frontend: React / Flutter - Backend: Node.js / Django - Database: MongoDB / PostgreSQL - AI/ML: Scikit-learn, TensorFlow, Hugging Face (NLP), OpenCV (UI detection) - Deployment: AWS / Firebase - Security: OAuth2 + College Email Verification

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Future Scope

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THANK YOU Team ZEN CODERS “Securing the digital journey, one click at a time.”