

*An Introduction to*

# Scam Sniper

Ai Powered Online Scam and  
Fraud Detector

For CR Rao AIMSCS Tech Fest

CR Rao AIMSCS 2025 TechFest

# Hacksmiths United



# Team Members and Roles:

M. Vrajesh Chary - The Architect (Team Lead & Visionary)

M. Nithesh - The Code Alchemist (AI/ML Developer)

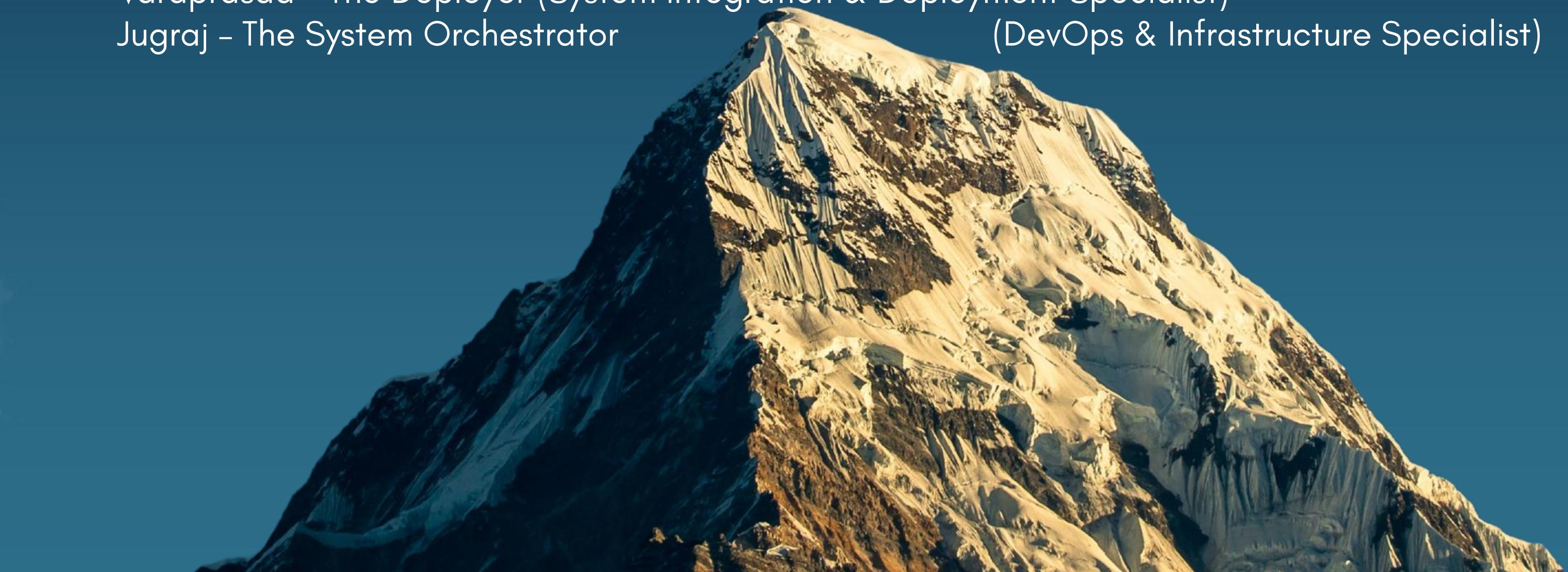
Niteesh - The Digital Backbone (Backend & Database Developer)

Vishal Reddy - The Interface Master (Frontend Developer)

Sathwik - The Data Seeker (Data Research & Preprocessing)

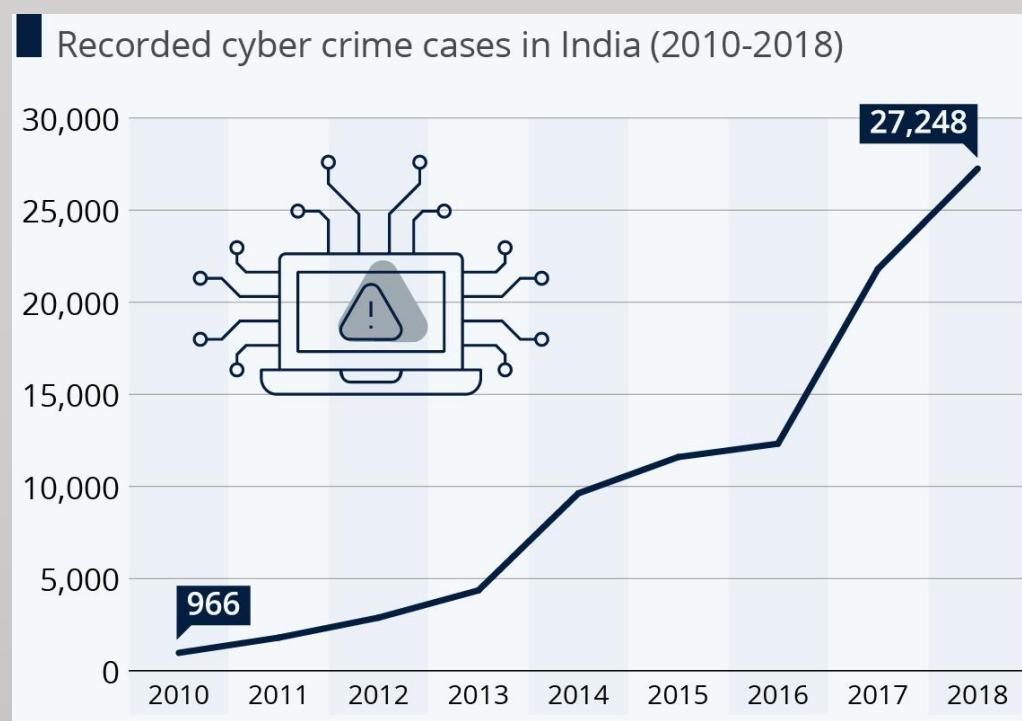
Varaprasad - The Deployer (System Integration & Deployment Specialist)

Jugraj - The System Orchestrator (DevOps & Infrastructure Specialist)



# PROBLEM STATEMENT

- Rising online fraud due to AI-generated scams (deepfake voices, phishing, fake identities).
- Cybercrime losses expected to reach \$10.5 trillion annually by 2025.
- 72% of fraud victims fall for AI-generated phishing emails.
- Current fraud detection systems struggle to detect deepfake-based scams in real time.



# SOLUTION

- ❖ Real-time fraud detection using AI & ML.
- ❖ Deepfake & Phishing Detection: Analyzes voices, videos, texts, and URLs.
- ❖ IP & Identity Verification: Tracks suspicious activities using IP intelligence (Integrates IP Info Tool).
- ❖ AI-Driven Risk Assessment: Flags high-risk transactions & alerts users.

# INNOVATION

- Combines AI deepfake detection, phishing analysis, and IP verification.
- Real-time scam detection before transactions are completed.
- Adaptive AI: Learns from new fraud patterns.
- Seamless integration with banks, fintech, and cybersecurity platforms.



A night photograph of a city skyline, likely London, featuring the Citi building and other skyscrapers. The buildings are reflected in the dark water of a canal or river in the foreground. The scene is lit by streetlights and the building's own lights.

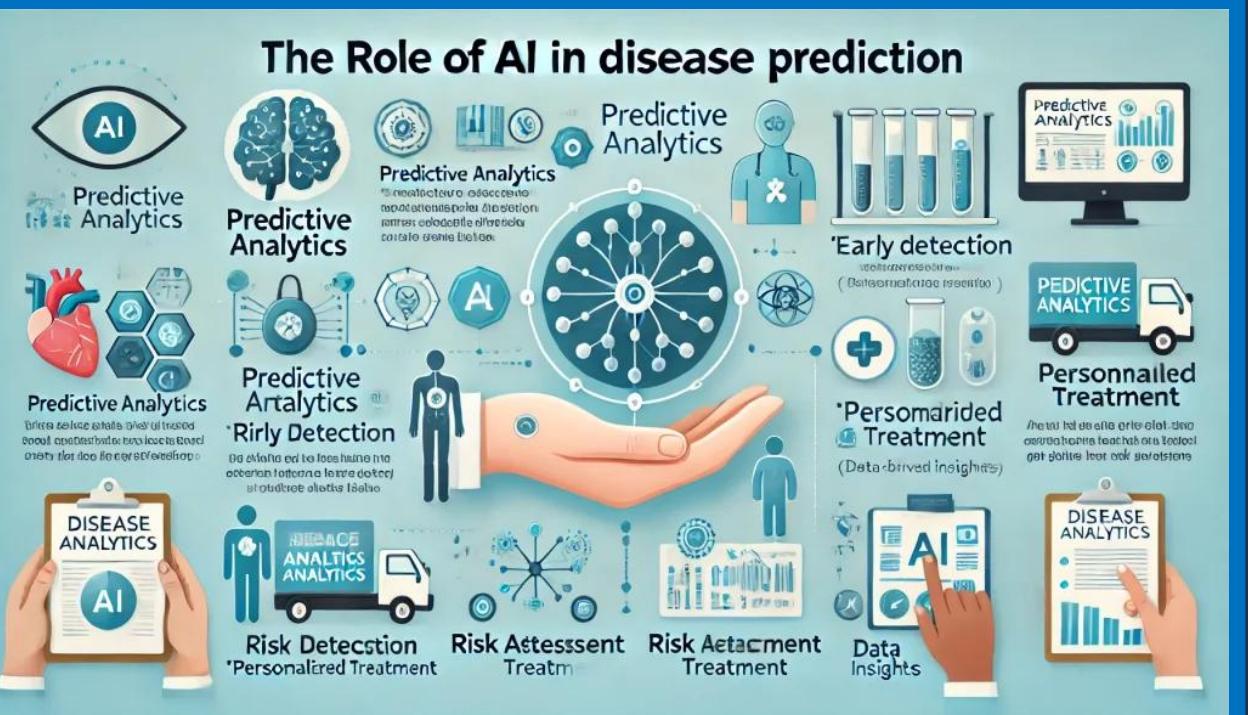
**FEASABILITY**

# FEASABILITY



## Tech Stack

- Python, AI/ML model
- NLP
- Web Scraping
- APIs (IP Info Tool).



## Resources Required

- AI - Models
- Dataset collection
- Cloud infrastructure.



## Scalability

- ✓ Handles millions of users simultaneously
- ✓ Cloud-native & auto-scaling architecture
- ✓ Easily integrates with multiple platforms
- ✓ Supports global user base in real-time
- ✓ Modular design for future upgrades
- ✓ Scalable database & threat intelligence systems

# IMPACT

- Reduces financial fraud losses by real-time scam detection.
- Saves millions for banks & users by preventing fraud before transactions.
- Enhances cybersecurity with AI-driven risk analysis.
- Trust & Security: Builds confidence in digital transactions.

# The Future of Scam Sniper – Beyond Just Scam Detection

Our AI-powered scam detector is only the beginning. Imagine a future where:

- Personal Scam Guard AI: Built into your browser or phone, instantly flags risky links, fake calls, and messages before you click.
- Voice Scam Detection: AI that listens in real-time for deepfake voices in scam calls and warns users instantly.
- Rural-Aware Smart Protection: Lightweight mobile app usable offline or in low-connectivity zones to help rural populations avoid fraud.
- Global Scam Intelligence Network: Real-time data-sharing with banks, telecoms, and cyber units to predict and block new scam patterns.
- Finance Safety Assistant: From investments to job offers, AI analyzes documents, websites, and messages to ensure legitimacy.

# Next Steps

- **Enhance AI algorithms for deepfake detection & phishing analysis.**
- **Train model with real-world scam data to improve accuracy.**
- **Develop API for fintech, cybersecurity, and banking sectors.**
- **Scale solution for enterprise use & real-time monitoring.**



# CONTACT US

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