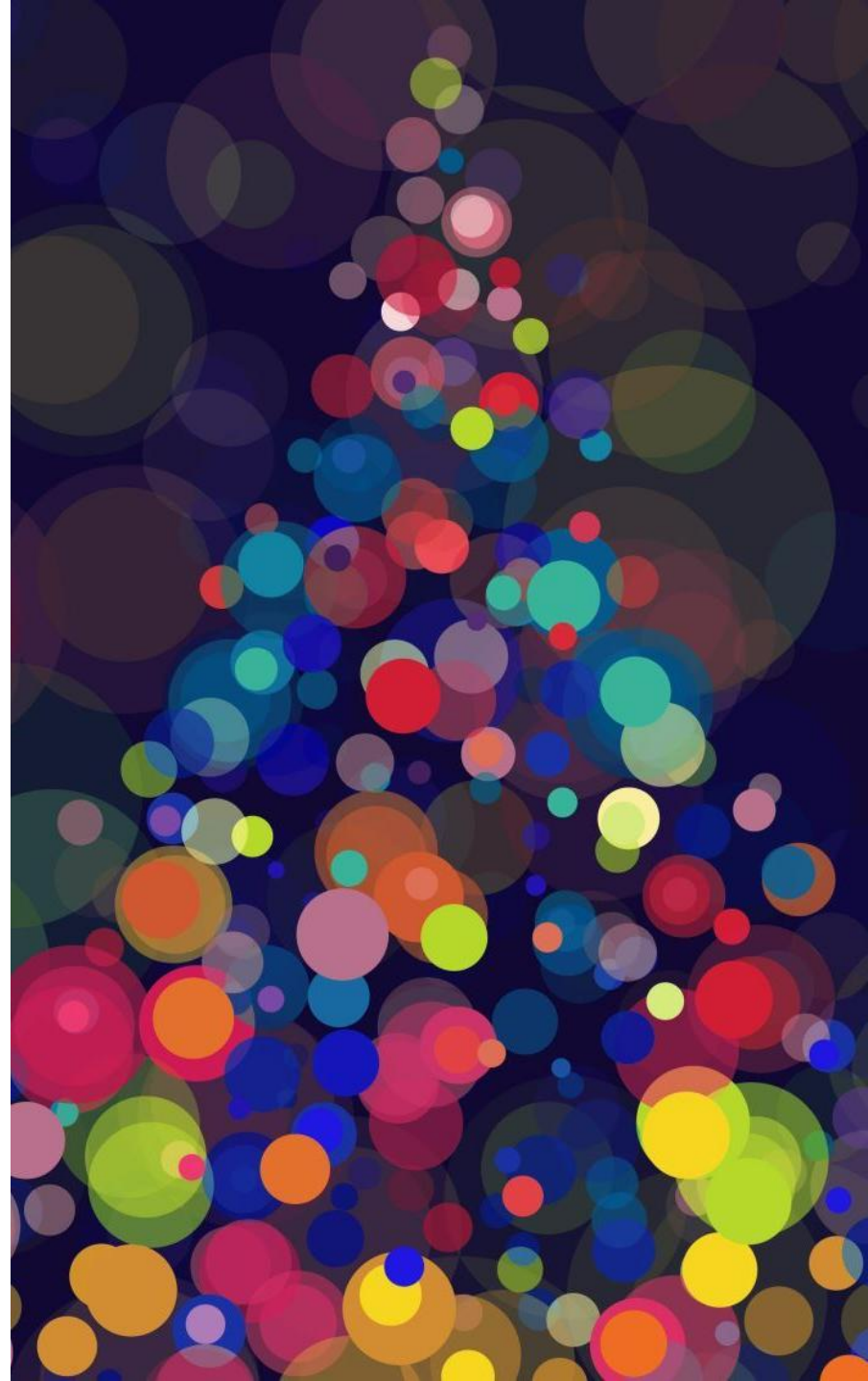# FINAIREADINESS

Bridging the AI Governance Gap in Financial Services

- **Introduction** - Team & Vision *(1 min)*
- **Problem Statement** - AI Challenges in the industry *(2 mins)*
- **Solution Overview** - FinAIReadiness Platform *(1.5 mins)*
- **Technical Architecture** - Implementation & Stack *(1.5 mins)*
- **Business Impact** - Market & Production Path *(1 min)*
- **Live Demo** - Real Assessment in Action *(3 mins)*

7-Minute Presentation + 3-Minute Demo

INTRODUCTION

Who We Are: _Team FinAIReadiness_

Super Team : Team Members (Organization)

- o   Sridevi P (Gotomarket)
- o   Suresh Subbu (SekurZen Technologies)
- o   Santhana Krishna (SK) (SekurZen Technologies)

What We've Built:

FinAIReadiness - the automated AI governance platform specifically designed for financial services

Framework: Industry-standard FINOS AI Readiness Framework implementation

What We've Accomplished

Working Solution: Automatically assesses AI applications against comprehensive compliance standards

Real Results: Generates actionable remediation roadmaps (you'll see it in our demo)

Why This Matters

The Challenge: Financial institutions caught between AI innovation potential and stringent regulatory requirements

Our Goal: Turn compliance from a barrier into a competitive advantage

CHALLENGES IN AI GOVERNANCE

Visible Real AI Failures:

❖ **AI mortgage models show systematic racial bias** against Black borrowers in university research. Lehigh University Study

❖ **UnitedHealthcare faces lawsuits** for AI that wrongfully denies 90% of elderly patient claims Reuters Report

❖ **The EEOC issued its first AI discrimination settlement** for $365,000 against iTutorGroup EEOC Settlement

Scale of the Problem:

❖ **42**% of businesses **scrapping AI** initiatives (up from 17%) S&P Global Report

❖ 80% of AI projects fail (RAND Corporation) **Rand Research Report**

❖ Evaluating the AI risk injected for each application and product takes months together

Current Challenges:

➢ Fragmented compliance approach

➢ Manual risk assessments in spreadsheets

➢ No standardized methodology

➢ Reactive risk management

SOLUTION OVERVIEW

- **Self-service AI Risk Assessment platform** for product managers - transforming compliance from **2-4 months → 2-4 hours**
- Digitized the entire **FINOS AI Readiness Framework** for faster risk assessment

FinAIReadiness Platform

Product: Automated assessment platform evaluating AI applications against comprehensive compliance standards

Coverage: FINOS + OWASP LLM Top 10 + FFIEC + EU AI Act + NIST AI RMF

Key Features:

Automated Assessment Engine

- Real-time framework evaluation with FINOS

Smart Remediation Engine

- Actionable recommendations with roadmaps

Intelligent Risk Classification

- AI/ML-powered detection across all risk categories

Industry Impact:

Bridges the critical gap between AI innovation speed and financial compliance requirements, enabling safe AI deployment while maintaining regulatory excellence

Target Users: Product Managers, Project Managers, Risk & Compliance Analyst launching AI features in financial services

HIGH LEVEL ARCHITECTURE

Simplified Tech Stack for Hackathon :

- Web / App : Next.Js
- LLM Models : Open AI GPT 4.1 Based LLM
- Data : Json / local data store
- Infrastructure : Vercel
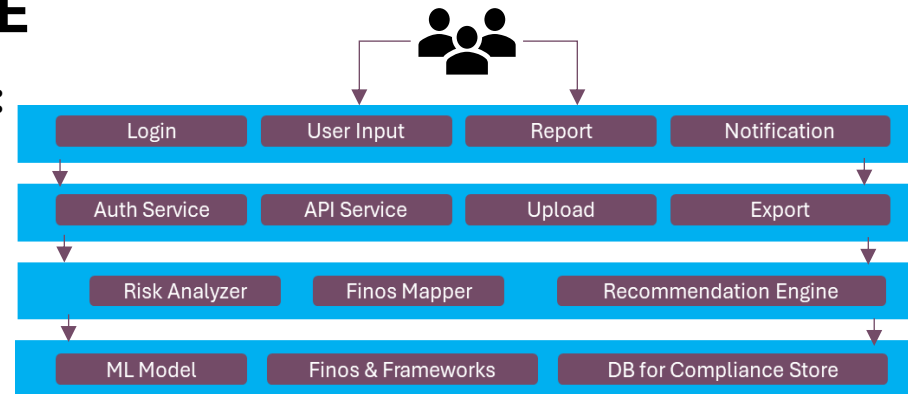
Proposed Tech Stack – Production RoadMap:

- Web/App: Next.js
- Backend: Python with Fast API
- AI/ML Engine: Python with ML Libraries for risk pattern recognition
- LLM Models : Llama with local deployment (Containerized)
- Database: PostgreSQL + Vector DB for compliance data and assessment history
- Cloud Infrastructure : Multi-Cloud with Containerized Microservices
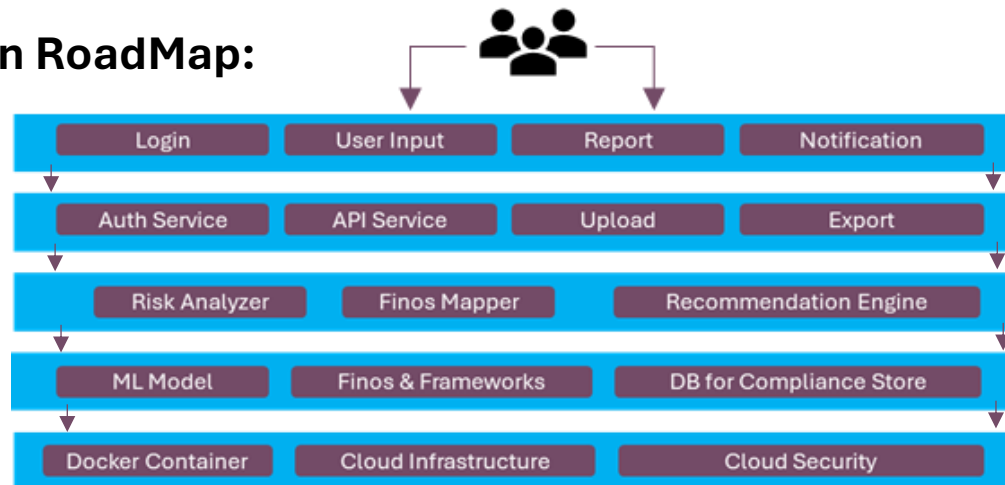
BUSINESS IMPACT & MARKET OPPORTUNITY

Time & Cost Savings:
- Manual assessment: 60-120 days → Our platform: 2-4 hours
- **ROI**: Extensive time reduction = ~$300-500K savings per AI project

Risk Reduction:
- Proactive identification: Catch issues before production
- Comprehensive coverage: No blind spots in compliance
- Continuous monitoring: Ongoing risk assessment as systems evolve

Path to Production:

Phase 1 (0-3 months):
MVP with 3-5 pilot customers, focus on three risk categories (TBD)

Phase 2 (6-12 months):
Product development - add remaining risk categories

Phase 3 (12-18 months):
Scale rollout - 25+ institutions across different segments

Phase 4 (18+ months):
Enterprise platform - full automation, regulatory partnerships, market expansion

DEMO TIME

Q & A