Comprehensive Professional Portfolio: Arry Hutomo

Executive Summary

Name:	Arry Hutomo
Experience:	19+ years in multinational leadership with 8+ years AI specialization
Unique Value:	Rare combination of financial governance expertise and advanced AI implementation
Contact:	in [Arry Hutomo](#)

Visionary leader bridging traditional business strategy with cutting-edge AI innovation. Combines deep expertise in financial systems, risk management, and corporate governance with pioneering work in human-centric AI architectures and quantum machine learning applications for enterprise solutions.

Professional Certifications

- **Certified Forensic Accounting Professional**
- **Certified Analytics Professional (CAP)**
- **Google Analytics & Advanced TensorFlow Developer**
- **PMI-RMP™ (Risk Management Professional)**
- **ISO Auditor (9001, 14001, 27001, 20405, 10002, 21000)**
- **AWS Certified Machine Learning Specialty**

Core Competencies

Business Leadership

- **Financial Architecture:** FP&A, capital budgeting, investment strategies
- **Risk Governance:** Enterprise risk frameworks, compliance systems
- **Supply Chain Innovation:** AI-driven logistics, predictive analytics
- **ESG Transformation:** Decarbonization strategies, circular economy

Advanced AI/ML Capabilities

- **Vibe Coding™:** Human-centric AI systems
- **Neuro-Symbolic AI:** Hybrid reasoning systems
- **Quantum ML:** Optimization algorithms
- **Generative AI:** Enterprise GANs/VAEs
- **Swarm Intelligence:** Multi-agent systems
- **Adversarial ML:** Cybersecurity defenses
- **Edge AI:** IoT implementations
- **MLOps:** Model lifecycle management

Professional Experience

Chief AI Strategist — Strategic Consulting (2015-Present)

- Spearheaded AI transformation for 12 Fortune 500 companies across banking, manufacturing, and logistics sectors
- Developed proprietary Vibe Coding™ framework for intuitive AI interfaces (patent pending)
- Implemented quantum ML for portfolio optimization (23% ROI improvement in banking sector)
- Built multi-agent reinforcement learning systems for supply chain automation

Financial Systems Architect (2005-2015)

- Designed AI-powered financial modeling systems adopted by 3 major Indonesian banks
- Created automated auditing AI (LRT 16816) reducing compliance costs by 40%
- Led first ISO 27001 AI governance implementation in SE Asia financial sector

Technical Proficiencies

AI/ML:	TensorFlow, PyTorch, JAX, Spark MLlib, Kubeflow, ONNX Runtime
Data:	BigQuery, Databricks, Snowflake, Apache Beam
Cloud:	AWS SageMaker, GCP Vertex AI, Azure ML
Financial:	Bloomberg Terminal, Refinitiv, SAP FICO, Oracle EPM
Governance:	IBM OpenPages, RSA Archer, ServiceNow GRC

AI Project Highlights

Global Bank AI Transformation (2022)

- Hybrid neuro-symbolic system for AML detection (99.7% accuracy)
- Quantum-inspired algorithms for trading strategies
- AI-driven risk assessment framework

Automotive Supply Chain Intelligence (2021)

- Computer vision for defect detection (98.5% accuracy)
- Time-series forecasting for inventory optimization
- Digital twin implementation for logistics

Research & Thought Leadership

- **"Vibe Coding: Human-Centric AI Development"** (IEEE 2023)
- **"Quantum ML in Financial Systems"** (Journal of AI Research 2022)
- Keynote speaker at AI Governance Summit 2023
- 3 patents pending in AI/ML applications

Education & Development

- Executive Education: MIT AI Strategy, Stanford Advanced Computer Vision
- NVIDIA Deep Learning Institute Certifications
- Ph.D. Research Advisor: System Dynamics (AI applications)