

# MAHMOOD ASADI

AI-Native Technical Leader | Fintech Systems Architect | Enterprise AI Builder

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## PROFESSIONAL SUMMARY

AI-native technical leader who ships enterprise products fast without sacrificing governance. Built and deployed 6 production platforms across fintech, edtech, mining/GeoTech, and AI infrastructure using vendor-neutral, LLM-assisted multi-agent workflows. 10+ years of domain depth in brokerage systems: CRM, dealing desk intelligence, client/partner portals, PAMM, payments, and MT4/MT5 integrations. Combines architect-level systems thinking with hands-on execution and an intensive delivery cadence.

## SIGNATURE STRENGTHS

- **Agentic delivery:** multi-agent workflows with shared state, structured handoffs, fail-safe defaults, and human checkpoints
- **Enterprise readiness:** RBAC, auditability, multi-tenant isolation, evidence-first delivery
- **Fintech depth:** broker operations, commissions/IB, payments, trading platform integrations (MT4/MT5)
- **Build velocity:** near-daily iteration and frequent deploys in tight build cycles

## PRODUCTS SHIPPED (6 ACROSS 4 INDUSTRIES)

Product	Industry	Built In	Description
Truvesta	Fintech	3 weeks	Dealing desk intelligence: real-time risk signals, exposure heatmaps, scenario simulation, MT5 integration
Ardura	Fintech	3 weeks	Broker CRM + AI scoring: churn risk, retention automation, IB commission engine, multi-portal architecture
Equira	AI Infra	4 weeks	Sovereign AI workspace: multi-tenant orchestration, hard isolation, 8+ tenants, 99.99% uptime SLO
Scanminers	GeoTech	Ongoing	Mineral intelligence: satellite data fusion, prospectivity mapping, explainable targeting
Finura	EdTech	3 weeks	Multi-tenant education marketplace: multi-portal workflows, partner commissions, early revenue (\$544+)
Chessio	EdTech	2 weeks	AI chess academy: 15-level curriculum, AI coach, placement testing, database-driven lessons

## TECHNICAL STACK

### Frontend

Next.js, React, TypeScript, Tailwind CSS

### Backend

Node.js, Python, PostgreSQL, Prisma, FastAPI, RabbitMQ

### Infrastructure

Vercel, Docker, GitHub Actions, Neon (PostgreSQL)

### Brokerage Domain

MT4/MT5 Manager API, payment gateways, trading connectors

# EXPERIENCE

## Founder & AI-Native CTO

Jan 2025 – Present

### CTO Alpha • Cyprus

- Founded CTO Alpha building AI-native technology suite for Forex/CFD brokerages ("Brokerage in a Box")
- Built and deployed Truvesta and Ardura end-to-end in 3-week intensive cycles each, shipping near-daily
- Implemented multi-agent delivery workflow: shared state, structured handoffs, verification gates
- Delivered fintech-grade foundations: RBAC, auditability, multi-portal experiences, MT4/MT5 readiness

## Product & Tech Manager

2024 – 2025

### Finura (Fintech/EdTech) • Cyprus / Remote

- Led product and architecture for multi-tenant academy platform (admin/instructor/learner portals)
- Designed RBAC and course lifecycle approvals with audit-ready governance and traceability
- Shipped iteratively with LLM-assisted workflows while maintaining production quality standards

## Operations Team Leader

Jun 2022 – Sep 2023

### Exclusive Management Services (Fintech) • Limassol, Cyprus

- Led delivery across fintech initiatives including client/partner registration, PAMM improvements, leverage logic

## Head of PMO

Mar 2021 – Jan 2022

### Primus Global (Fintech) • Limassol, Cyprus

- Established PMO, built roadmaps, introduced scaled Agile practices, ran portfolio management

## Project Manager

2018 – 2022

### FXPRIMUS / TIO Markets (Fintech) • Limassol, Cyprus

- Delivered Client Area, Partner Area, CRM/back-office, commissions, payment gateway integration, MT5

## Business Analyst

Nov 2015 – Feb 2018

### OPC Business Support (Technology Provider) • Kuala Lumpur, Malaysia

- PAMM integration, back-office systems, client registration, payment integrations (cards, e-wallets, crypto)

## EDUCATION & CERTIFICATIONS

### M.S., Industrial Engineering

University of Technology Malaysia (2009–2011)

### B.S., Industrial Engineering (Systems Analysis)

University of Azad Iran (2002–2006)

## LANGUAGES

English (Fluent) Persian (Fluent) German (Intermediate)

Malay (Intermediate) Greek (Basic)

CBAP

PMP