

Xueqi Liu

Full-stack Product Engineer

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Product-minded engineer building evidence-first software for complex workflows and decisions across operations, automation, privacy, logistics, and global trade.

EXPERIENCE

Technology Lead

Privately Held International Trade Business | Prior operating experience

Led the technology function for an owner-operated international trade business, connecting day-to-day commercial operations with practical software and automation.

- Translated trade research, workflow coordination, and operational judgment into clearer internal tools and decision processes.
- Applied software architecture, data discipline, and controlled automation without overstating business scale or disclosing sensitive company details.

SELECTED PROJECTS

TradeFoundry

Private evidence-first operating system for researching and governing global trade opportunities.

- Structured evidence, opportunity, portfolio-decision, governed-execution, and learning boundaries across a nine-board local/MVP architecture.
- Kept consequential commercial actions approval-bound and documented production limitations explicitly.

CargoMesh

Standards-driven business transaction compiler and durable runtime for container logistics.

- Compiled pinned DCSA contracts into deterministic Transaction IR and digest-backed business representations.
- Modeled approval, retry, compensation, cancellation, and explicit verification states.

LeadOps Portal

Multi-tenant operations portal spanning qualification, approval, automation, incidents, and reporting.

- Defined the product, architecture, data boundaries, implementation plan, and acceptance strategy.
- Made tenant isolation and human approval explicit system boundaries.

n8n Reliability Lab

Workflow laboratory for validation, idempotency, retries, approval, failure recovery, and acceptance testing.

- Exercised invalid, duplicate, transient-failure, exhausted-retry, and approval-required scenarios.
- Documented an effectively-once boundary without overstating cross-system guarantees.

SKILLS

Product and full-stack engineering TypeScript, Next.js, Node.js, Python, PostgreSQL

Reliable workflow systems Idempotency, Human approval, Retries, Failure recovery, Verification