

Suleyman Kiani

Software Engineer · Fintech & Finance Platforms

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SUMMARY

Software engineer who builds the financial tooling a finance desk actually runs on: a production quoting engine that matches the industry-standard lease-math engine (**TValue**) to the penny, a multi-tenant booking-and-payments SaaS on **Square** serving live studio operators, and a self-hosted multi-agent system that automates real funding-deal document workflows. An equipment-finance background at Mitsubishi HC Capital gives me domain fluency most engineers don't have.

EXPERIENCE

Associate Account Manager, Equipment Finance

Sept. 2025 – Present

Mitsubishi HC Capital Canada

Burlington, ON

- Replaced **13 abandoned Excel calculators** (30–45 sheets each) with one **Next.js / React** web app spanning all 11 product lines, reverse-engineering each manufacturer's lease and subsidy math to hit **exact penny-parity with TValue** on every test deal; backed by **72 automated tests**.
- Built a working **AI document-validation prototype** (OCR + ML + rules) for deal-funding review and carried it through the company's first internal innovation review; it now runs as a **live email service that audits real deal packages unattended**.
- Designed and am implementing a **predictive collections scorecard** with the credit and portfolio teams that prioritizes about **\$17–18M of assets in recovery**, where **each 1% of recovery improvement is worth about \$1M**; owned the business case, won approval to proceed, and am driving the rollout.
- Carry an equipment-finance sales book, funding **200% of new-business target (\$4M against \$2M)**.

Junior Web Developer

May 2021 – Jun. 2022

Giftcash Inc.

Remote

- Migrated a legacy **Python / Django monolith to a Node.js AWS Lambda** serverless architecture (per-request billing, no always-on servers), automated **gift-card balance verification** with a **Puppeteer + Axios** pipeline, and stood up **Jenkins / GitHub Actions CI/CD**.

PROJECTS

Personal Agentic OS · multi-agent automation platform | *Python, TypeScript, Claude, systemd, Tailscale* 2026

- Built and run a **self-hosted multi-agent system** on an always-on Linux server: a **Claude orchestrator** dispatches scheduled workers for document validation, generation, and research, bounded by a **cost circuit-breaker and fail-closed gates** so autonomous runs stay capped and reversible; a Next.js dashboard monitors it over a private Tailscale mesh.

Solstice Pilates · multi-tenant booking & payments SaaS | *Next.js, Prisma, Neon, Square* 2025 – Present

2025 – Present

- Sole engineer on a **live multi-tenant booking and payments platform** backed by **about 5,000 passing tests**; found and fixed **money-losing production payment bugs**, including a double cents conversion saving a **\$50 discount as \$5,000**.

Mike Ross AI · agentic legal RAG (Delta Hacks 12) | *LangGraph, Gemini, MongoDB Atlas, FastAPI* 2026

2026

- Built an **agentic legal assistant** answering Canadian-law questions with section-level citations: a **LangGraph state machine** runs hybrid vector retrieval over **16,000+ legal documents** (MongoDB Atlas) and returns schema-validated, hallucination-guarded output; live at mike-ross.ca.

TECHNICAL SKILLS

Languages: TypeScript, Python, SQL, Java, C, Swift

Financial & Domain: Equipment & lease finance, amortization math (PMT / PV / FV / RATE / IRR, TValue-validated), manufacturer subsidy & blended-rate modeling, credit-scorecard & recovery modeling

Backend & Web: Next.js, React, Node.js, FastAPI, Prisma, Tailwind, PostgreSQL (Neon), Redis, Vercel, REST APIs

AI / Agentic: Multi-agent orchestration, local LLM serving (Ollama, qwen2.5), RAG + reranking, Whisper, TDD (Vitest, Playwright), CI/CD

EDUCATION

McMaster University

Hamilton, ON

MEng, Computing & Software (in progress)

Sept. 2025 – Dec. 2026

McMaster University

Hamilton, ON

BASc (Honours), Computer Science

Sept. 2018 – Nov. 2024