

O. FELIX AMORUWA

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Technical Product Manager with 12+ years shipping developer-facing platforms and AI tooling at scale — including production MCP server integrations, multi-agent orchestration frameworks, and AI eval infrastructure built from scratch. Shipped the full agent-native stack: MCP SDK, subagent delegation, and automated evals that benchmark model behavior end-to-end. Scaled developer platform infrastructure to 675M+ engagements at Intuit (50K TPS, 1.5M concurrent connections) and cut developer onboarding from weeks to minutes. Ex-founder, NeurIPS published researcher, and daily user of AI coding tools with strong opinions on the primitives developers need to build agent-native products.

PROFESSIONAL EXPERIENCE

STREAMIO AI | Oakland, CA

Founder & CEO — *streamio.ai* (macOS, Linux, iOS & Web) 09/24 – Present

- Shipped production MCP server exposing screen capture tools to AI coding assistants, and integrated Claude MCP SDK into a 100+ component Electron/React/TypeScript desktop app — giving agents real-time visual context for code generation, schema analysis, and automated reporting workflows.
- Built OpenClaw multi-agent orchestration framework with gateway protocol, subagent delegation, profile management, and session switching — enabling coordinated agent workflows with well-defined tool boundaries and defaults across multiple industry verticals.
- Led 0-to-1 product strategy and customer discovery: defined agent-native abstractions, iterated on tool configurations based on user feedback, and executed go-to-market through App Store and desktop distribution (macOS DMG with code signing/notarization, Linux .deb).
- Engineered real-time HLS livestreaming pipeline with multi-stream canvas compositing (up to 9 concurrent sources at 30fps), FFmpeg transcoding, and WebSocket communication layer; built cross-platform iOS app (React Native/Expo) with on-device FFmpeg and Picture-in-Picture compositing.
- Built end-to-end auth and payments pipeline: Kinde OAuth 2.0, Stripe tiered subscriptions, Electron SafeStorage, and ElevenLabs TTS/STT with SHA-256 audio caching.

FINTELLECT AI | Oakland, CA

Founder & CEO — *fintellectai.io* (iOS/Android/Web) 09/24 – Present

- Architected multi-agent RAG pipeline with ChromaDB vector store, multi-provider LLM orchestration (Claude, GPT-4, Gemini) with fallback routing, structured output validation, and token budget optimization — production-tested agent reliability patterns directly applicable to agent skill design.
- Built domain-specific conversational AI agents scoped to distinct financial focal points, delivering context-aware advisory interactions; executed go-to-market through App Store launch following iterative customer discovery.

INTUIT | Mountain View, CA

Staff Product Manager — *Developer Frameworks & Platform Infrastructure* 06/21 – 09/24

- Achieved 275% YoY growth in ICE engagements, scaling to 675M+ in FY23 across QuickBooks, TurboTax, Mint, Mailchimp, and Credit Karma; scaled throughput from 6K to 50K TPS via rSocket migration supporting ~1.5M concurrent connections with sub-25ms TP99.
- Delivered ICE Self-Service platform (DevPortal, GitOps config, ICE Playground) reducing developer onboarding from 2–3 weeks to minutes in pre-prod and <24 hours for production, while mitigating \$1M+ in projected opex growth.
- Extended Java and Python SDK Starter Kits with scaffolding templates, build configurations (Gradle/Maven), testing frameworks, and CI/CD integration — empowering developers to go from zero to production-ready microservice in minutes.
- Conducted enterprise-wide Service Language Assessment across 9 languages, analyzing usage data and developer feedback to inform strategic investment decisions presented to CTO; built Asterias, a declarative asset lifecycle management platform with GraphQL API.
- Implemented ICE Presence in async chat generating \$480K/month in additional invoicing; deployed Background-to-Foreground Messaging on iOS/Android with <100ms latency. DeveloperWeek 2022 speaker.

SPLUNK INC. | San Francisco, CA

Senior Product Manager — *Search Orchestration* 01/19 – 01/21

- Owned Search Service (Go microservices), Search Catalog (PostgreSQL metadata service), and Splunk Processing Language (SPL/SPL2) — built roadmaps, PRDs, and acceptance criteria for Splunk Cloud Services.
- Delivered Scheduler Service end-to-end in ~4 months; led query performance optimization achieving up to 10x improvements for beta customer. Designed RICE-based prioritization framework across 3 microservice backlogs balancing developer, partner, and Fortune 500 requirements. Splunk .conf18/.conf19 Speaker.

KAISER PERMANENTE | Pleasanton, CA

SOA Technical Product Manager 08/12 – 12/18

- Led development and enterprise rollout of Splunk Logging-as-a-Service (1.7 TB daily volume, 200+ internal enterprise customers); built Redis + XC10 caching layer for scalability and fault tolerance across the enterprise.

IBM | Pittsburgh, PA / Foster City, CA / RTP, NC

Software Engineer — *Business Intelligence Products* 07/05 – 03/10

- Resolved multiple \$1–5M high-severity customer escalations for enterprise BI software; led cross-functional root cause analysis improving case resolution time by 20% across the Support Organization.

AI/ML RESEARCH & PROJECTS

aeval — AI Model Evaluation Platform (2025–2026)

- Built local-first AI eval platform measuring factuality, reasoning, instruction-following, safety, and code generation — with adversarial safety testing, refusal detection, and CI/CD regression gates that automatically block unsafe model updates.

- Statistical rigor: bootstrap confidence intervals, Welch's t-test, Cohen's d effect size, and saturation detection. Stack: FastAPI orchestrator, TimescaleDB, Redis job queue, Next.js dashboard, Ollama — directly applicable to agent skill eval infrastructure.

RL Workbench — Post-Training RL Platform (2026)

- Built 3-phase RL post-training workbench: Reward Lab for A/B testing reward functions across 4 datasets, Playground for real TRL-powered GRPO/DPO training with live SSE metric streaming, and Arena for head-to-head framework benchmarking (TRL, VeRL, OpenRLHF, NeMo RL) with GPU Docker passthrough.
- Implemented 12 RL algorithms (PPO, GRPO, DAPO, DPO, SimPO, IPO, KTO, ORPO, and more) with standardized throughput/memory/convergence benchmarking and cross-tab workflow lineage tracking.

AutoEval — Automated Visual Evaluation for Robot Model Training (2025)

- Reduced evaluation cycles from 72 hours to ~4 minutes by repurposing StreamIO's screen capture + multimodal AI pipeline to score model outputs against natural-language rubrics — zero-integration architecture captures from any visualization tool via screen capture.

BRAIN — Protein Structure Prediction ML Platform (UC Berkeley 2004; rewritten 2026)

- NeurIPS 2014 published. Production PyTorch platform with 5 neural architectures (413 to 8B parameters), MLflow, Optuna HPO, FastAPI serving, and 823 automated tests. Original 2004 system: hand-coded neural network in C++ with custom BPTT.

EDUCATION

CARNEGIE MELLON UNIVERSITY, SILICON VALLEY

Master of Science — Software Management Mountain View, CA (08/16)

CARNEGIE MELLON, TEPPER SCHOOL OF BUSINESS

Master of Business Administration — Concentrations: Finance, Quantitative Analysis, Economics Pittsburgh, PA (03/12)

UC BERKELEY, COLLEGE OF ENGINEERING & HAAS SCHOOL OF BUSINESS

Bachelor of Science — Computational Engineering Science Berkeley, CA (12/05)

Certificate — Corporate Finance for Financial Engineering

TEACHING EXPERIENCE

DE ANZA COLLEGE | Cupertino, CA

Adjunct Faculty — Computer Information Systems Department 04/18 – Present

- CIS 35A/B, 36A/B — Java Programming; CIS 64C/64G — PL/SQL; CIS 44F — Data Analytics; CIS 64E — Large Scale Cloud Computing (AWS, GCP); CIS 102 — Ethical Hacking; CIS 104 — Digital Forensics; CIS 95F — Managing Cloud Projects.

ADDITIONAL INFORMATION

- FAA Commercial Drone License; FAA Private Pilot License (intended CFI)
- O'Reilly & OER Publications: Data Analytics and Managing Cloud Projects (forthcoming Summer 2026)
- First Tee Assistant Golf Coach — San Francisco Chapter (2012–Present), Pittsburgh Chapter (2011–2012)
- Interests: Classical & Jazz Saxophone (Alto/Tenor/Baritone), Triathlon, Golf, Intramural Basketball & Soccer