

O. FELIX AMORUWA

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Technical PM with 12+ years owning developer-facing platforms end-to-end — from SDK tooling and DevPortal ecosystems to AI model evaluation and RL post-training infrastructure. Scaled Intuit's developer platform to 675M+ engagements and 50K TPS; built and benchmarked GRPO/DPO post-training pipelines across TRL, VeRL, OpenRLHF, and NeMo RL. NeurIPS-published AI researcher who has shipped 0-to-1 AI products, led GTM motions without hand-offs, and spoken publicly at DeveloperWeek and Splunk .conf on developer platform strategy.

PROFESSIONAL EXPERIENCE

INTUIT | Mountain View, CA

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

- Owned developer-facing SDK Starter Kits (Java, Python) end-to-end — scaffolding templates, build configs (Gradle/Maven), testing frameworks, and CI/CD integration — enabling developers to go from zero to production-ready microservice in minutes; drove downstream adoption across ~20 mobile apps and 30+ product SKUs.
- 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 DevPortal (GitOps config, ICE Playground), reducing developer onboarding from 2–3 weeks to minutes in pre-prod and <24 hours for production — mitigating \$1M+ in projected opex growth; defined and instrumented success metrics tracking onboarding velocity and platform health.
- Conducted enterprise-wide Service Language Assessment across 9 languages (Java, Python, Kotlin, Go, TypeScript, Scala, PHP, C++, Groovy), analyzing usage data and developer feedback to shape strategic investment decisions presented to CTO — a direct example of changing product direction based on engineer and researcher input.
- Built Asterias, a declarative asset lifecycle management platform with GraphQL API; initiated MSaaS Drift Detection program — wrote Java JAR library to scan Git repos for configuration drift and built remediation roadmap using OpenRewrite.
- Led Mailchimp GCP-to-AWS migration for MSaaS, delivering Golang template, MySQL persistence integration, and updated DevPortal documentation; implemented ICE Presence in async chat, generating \$480K/month in additional invoicing.
- DeveloperWeek 2022 speaker on developer platform strategy; held own externally with senior cloud partners and enterprise stakeholders across ecosystem relationship management.

STREAMIO AI | Oakland, CA

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

- Owned AI product end-to-end with no hand-offs — led 0-to-1 strategy, AI development, OSS tooling, and GTM execution including customer discovery, iterative product refinement, and go-to-market launch across macOS, Linux, and iOS.
- Implemented OpenClaw multi-agent orchestration framework with gateway protocol, subagent delegation, profile management, and session switching — enabling coordinated AI agent workflows; shipped MCP server exposing screen capture tools to AI coding assistants and developer platforms.
- Built production Electron + React + TypeScript desktop application with 100+ components, Redux Toolkit state management, and native macOS/Linux support — real-time AI analysis via Claude (MCP SDK) with contextual developer tooling.
- Engineered end-to-end auth and payments pipeline (Kinde OAuth 2.0, Stripe subscriptions, Electron SafeStorage); shipped cross-platform builds (macOS DMG with code signing/notarization, Linux .deb) with native ScreenCaptureKit integration via Swift.

FINTELLECT AI | Oakland, CA

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

- Architected RAG retrieval pipeline with ChromaDB vector store, multi-provider LLM orchestration (Claude, GPT-4, Gemini) with fallback routing, structured output validation, and token budget optimization — led GTM through App Store launch.
- Built domain-specific conversational AI agents scoped to distinct financial focal points; drove customer discovery and refined product direction based on trader feedback, establishing partnerships with industry influencers.

SPLUNK INC. | San Francisco, CA

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

- Owned Search Service (Go microservices), Search Catalog (PostgreSQL), and Splunk Processing Language (SPL/SPL2) — built roadmaps, PRDs, and acceptance criteria for Splunk Cloud Services; designed RICE-based prioritization framework balancing internal, third-party developer, and Fortune 500 requirements.
- Delivered Scheduler Service end-to-end in ~4 months, enabling scheduled search for first-party applications; achieved up to 10x query performance improvement for beta customer through mirrored benchmark topology — demoed at Splunk .conf19; Splunk .conf18 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) and ITSI Application Monitoring-as-a-Service; built caching capability using Redis and XC10 for scalability and fault tolerance.
- Led demand forecasting and capacity planning for SOA product suite across multiple datacenters.

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 products; led cross-functional root cause analysis improving case resolution time by 20% across the Support Organization.

AI/ML RESEARCH & PROJECTS

RL Workbench — Post-Training RL Platform (2026)

- Built 3-phase RL post-training workbench covering the full RLHF/DPO pipeline: Reward Lab for designing and A/B testing reward functions (RLVR, learned, hybrid) across 4 datasets (GSM8K, MATH, HumanEval, UltraFeedback), Playground for real TRL-powered GRPO/DPO training with live SSE

metric streaming on Apple Silicon (MPS) or CUDA, and Arena for head-to-head framework benchmarking (TRL, VeRL, OpenRLHF, NeMo RL) with GPU passthrough in Docker containers.

- Implemented 12 RL algorithms (PPO, GRPO, DAPO, REINFORCE, REINFORCE++, RLOO, DPO, SimPO, IPO, KTO, ORPO, SPPO) with algorithm-specific metric profiles, cross-tab workflow lineage tracking, and standardized throughput/memory/convergence benchmarking across frameworks — directly informing what to cut and when in post-training pipelines.

aeval — AI Model Evaluation Platform (2025–2026)

- Built local-first model evaluation platform with 5 core eval types (factuality, reasoning, instruction-following, safety, code generation), adversarial safety testing with refusal detection, and data contamination detection via SHA-256 hashing — defining and instrumenting success metrics that go beyond surface-level outputs.
- Statistical rigor: bootstrap confidence intervals, Welch's t-test, Cohen's d effect size, saturation detection; CI/CD integration with regression detection and automated safety gates. Stack: FastAPI orchestrator, TimescaleDB, Redis job queue, Next.js dashboard, Ollama.

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

- NeurIPS 2014 accepted paper on artificial neural networks for protein secondary structure prediction; original 2004 system hand-coded in C++ with custom BPTT.
- 2026 rewrite: production ML platform in PyTorch with 5 neural architectures (feedforward, GRU, Transformer, ESM-2, multi-task), MLflow experiment tracking, Optuna HPO, FastAPI serving — 823 automated tests, Docker orchestration (6 containers), spanning 413 to 8B parameters (19M-fold scale increase).

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

- Built automated visual evaluation system repurposing screen capture + HLS streaming + multimodal AI pipeline to score model outputs against natural-language rubrics — reducing evaluation cycles from 72 hours to ~4 minutes; zero-integration architecture captures from any visualization tool via screen capture.

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

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

ADDITIONAL INFORMATION

- O'Reilly & OER Publications: Data Analytics and Managing Cloud Projects (forthcoming Summer 2026)
- FAA Commercial Drone License; FAA Private Pilot License (intended CFI)
- 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