

O. FELIX AMORUWA

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Technical Product Manager with 12+ years building high-availability distributed systems and developer-facing platform infrastructure at scale — including scaling Intuit's ICE platform to 675M+ engagements and 50K TPS with sub-25ms latency across QuickBooks, TurboTax, and Credit Karma. Shipped production conversational AI agents and RAG pipelines (Claude/GPT-4/Gemini) as fintech AI founder; NeurIPS published ML researcher. Deep expertise in API and data model roadmaps, build-vs.-buy infrastructure decisions, and delivering ergonomic developer experiences that drive measurable business impact.

PROFESSIONAL EXPERIENCE

INTUIT | Mountain View, CA

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

- Scaled ICE platform to 675M+ engagements in FY23 and 50K TPS (from 6K) via rSocket migration supporting ~1.5M concurrent connections at sub-25ms TP99 — high-availability distributed infrastructure powering QuickBooks, TurboTax, Mint, Mailchimp, and Credit Karma.
- 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 — ergonomic developer experience that mitigated \$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, synthesizing usage data and developer feedback into strategic infrastructure investment decisions presented to CTO — cross-functional alignment at the executive level.
- Built Asterias, a declarative asset lifecycle management platform with GraphQL API; used SQL and BigQuery telemetry to prioritize developer pain points across ~20 mobile apps and 30+ product SKUs.
- Guided build-vs.-buy and platform-vs.-point-solution decisions: led Mailchimp GCP-to-AWS migration for MSaaS and initiated Drift Detection program (Java JAR library + OpenRewrite remediation roadmap) to maintain a cohesive, sustainable ecosystem.
- 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.

FINTELLECT AI | Oakland, CA

Founder & CEO — fintellect.ai (iOS/Android/Web) 09/24 – Present

- Architected production 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 — shipped to App Store GA.
- Built domain-specific conversational AI agents embedded in mobile and web app, each scoped to distinct financial focal points — delivering guided, context-aware advisory interactions for retail investors.
- Built AI-powered charting and macroeconomic analysis tools for asset class selection, execution planning, and risk management; integrated LLM models for automated trade analysis at scale.
- Led customer discovery interviews and iterative CUJ refinement, translating qualitative trader feedback and quantitative usage signals into product strategy; executed go-to-market through App Store launch.

STREAMIO AI | Oakland, CA

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

- Implemented OpenClaw multi-agent orchestration framework with gateway protocol, subagent delegation, profile management, and session switching — enabling coordinated AI agent workflows across real estate, insurance, health/dental, and financial markets.
- Built production Electron + React + TypeScript desktop application with 100+ components, Redux Toolkit state management, and MCP SDK (Claude) integration for real-time AI analysis — shipped cross-platform builds with macOS code signing/notarization.
- Engineered end-to-end auth and payments pipeline using Kinde OAuth 2.0 and Stripe subscriptions (tiered plans); integrated ElevenLabs TTS/STT with 6 auto-classified voice profiles and SHA-256 audio caching.

SPLUNK INC. | San Francisco, CA

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

- Owned Search Service (Go microservices), Search Catalog (PostgreSQL metadata service), and Splunk Processing Language (SPL/SPL2) — defined API and data model roadmaps for Splunk Cloud Services (SCS).
- Delivered Scheduler Service end-to-end in ~4 months (June–Oct 2019), enabling scheduled search for first-party applications; achieved up to 10x query performance improvements for Fortune 500 beta customer (Assurance) via mirrored benchmark topology.
- Designed repeatable RICE-based prioritization framework for 3 microservice backlogs, balancing internal partner, third-party developer, and Fortune 500 customer 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) and ITS! Application Monitoring-as-a-Service — reliable platform infrastructure at scale.
- Built Redis and XC10 caching layer across the enterprise to address scalability, fault tolerance, and data redundancy; led demand forecasting and capacity planning 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 enterprise escalations for BI software products; led cross-functional root cause analysis improving case resolution time by 20% across the Support Organization.

BANK OF AMERICA MERRILL LYNCH | Charlotte, NC

Tech MBA Summer Associate — Global Corporate & Investment Banking T&O 06/11 – 08/11

- Developed Monte Carlo simulation model to optimize DMAIC phase distribution across a \$494M portfolio in Global Technology & Operations — quantitative analytical rigor in financial services.

AI/ML RESEARCH & PROJECTS

- aeval — AI Model Evaluation Platform** (2025–2026)
- Built local-first LLM evaluation platform with 5 core eval types (factuality, reasoning, instruction-following, safety, code generation), adversarial safety testing with refusal detection, and CI/CD integration with automated safety gates and regression detection.
 - Stack: FastAPI orchestrator, TimescaleDB, Redis job queue, Next.js dashboard, Ollama — production-grade distributed data pipeline with bootstrap confidence intervals, Welch's t-test, and Cohen's d statistical rigor.
- RL Workbench — Post-Training RL Platform** (2026)
- Built 3-phase RL post-training workbench: Reward Lab (A/B testing reward functions across GSM8K, MATH, HumanEval, UltraFeedback), Playground (real TRL-powered GRPO/DPO training with live SSE metric streaming), and Arena (head-to-head benchmarking across TRL, VeRL, OpenRLHF, NeMo RL with GPU Docker passthrough).
 - Implemented 12 RL algorithms (PPO, GRPO, DAPO, DPO, SimPO, IPO, KTO, ORPO, SPPO, REINFORCE, REINFORCE++, RLOO) with standardized throughput/memory/convergence benchmarking.
- BRAIN — Protein Structure Prediction ML Platform** (UC Berkeley 2004; rewritten 2026)
- NeurIPS 2014 accepted paper on neural networks for protein secondary structure prediction. 2026 rewrite: production PyTorch platform with 5 architectures (feedforward, GRU, Transformer, ESM-2, multi-task), MLflow, Optuna HPO, FastAPI serving — 413 to 8B parameters (19M-fold scale), 823 automated tests, Docker orchestration.
- AutoEval — Automated Visual Evaluation for Robot Model Training** (2025)
- Zero-integration visual evaluation system using multimodal AI (Claude/GPT-4V) to score robot model outputs against natural-language rubrics — reducing evaluation cycles from 72 hours to ~4 minutes via screen capture + HLS streaming pipeline.

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/G — 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