

O. FELIX AMORUWA

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Technical Product Manager with 12+ years building AI platform infrastructure and developer-facing systems at scale — from shipping developer SDKs and DevPortals at Intuit (675M+ engagements, 50K TPS) to building MCP-integrated AI agent orchestration frameworks and eval platforms from scratch. Hands-on builder: production TypeScript/React apps, multi-agent gateway protocols, and a local-first eval platform with CI/CD regression detection and automated safety gates. NeurIPS published researcher with deep systems thinking across distributed infrastructure, frontier model integration, and continuous quality methodology.

PROFESSIONAL EXPERIENCE

STREAMIO AI | Oakland, CA

Founder & CEO — AI Agent Platform (macOS, Linux, iOS & Web) 09/24 – Present

- Built OpenClaw multi-agent orchestration framework with gateway protocol, subagent delegation, profile management, and session switching — production AI agent infrastructure enabling coordinated workflows across multiple industry verticals.
- Integrated Claude via MCP SDK for real-time contextual AI analysis — hands-on experience with MCP server architecture, tool exposure to AI coding assistants, and frontier model integration patterns directly analogous to Figma's agent infrastructure.
- Shipped production Electron + React + TypeScript desktop application (100+ components, Redux Toolkit) with native macOS ScreenCaptureKit integration via Swift — demonstrating full-stack technical fluency across frontend frameworks and deployment pipelines.
- Engineered real-time HLS livestreaming pipeline: multi-stream canvas compositing (up to 9 concurrent sources at 30fps), FFmpeg transcoding, WebSocket communication layer — distributed systems design from first principles.
- Built end-to-end auth and payments pipeline (Kinde OAuth 2.0, Stripe tiered subscriptions, Electron SafeStorage) and shipped cross-platform builds (macOS DMG with code signing/notarization, Linux .deb) — production deployment infrastructure ownership.
- Led 0-to-1 product strategy, architecture decisions, and go-to-market execution including customer discovery and iterative product refinement.

FINTELLECT AI | Oakland, CA

Founder & CEO — AI Financial Platform (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, and token budget optimization — hands-on build-vs-buy decision-making across frontier model providers.
- Built domain-specific conversational AI agents embedded in mobile and web, each scoped to distinct financial focal points — context platform design with personalized, context-aware AI outputs.
- Led customer discovery, go-to-market through App Store launch, and iterative platform refinement based on user feedback.

INTUIT | Mountain View, CA

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

- Scaled ICE platform to 675M+ engagements in FY23 across QuickBooks, TurboTax, Mint, Mailchimp, and Credit Karma; drove 50K TPS throughput via rSocket migration supporting ~1.5M concurrent connections at sub-25ms TP99 — enterprise-scale platform infrastructure.
- 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.
- 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.
- Conducted enterprise-wide Service Language Assessment across 9 languages, analyzing usage data and developer feedback to inform strategic platform investment decisions presented to CTO — platform strategy at the highest level.
- Built Asterias, a declarative asset lifecycle management platform with GraphQL API; used SQL/BigQuery telemetry to prioritize developer pain points across ~20 mobile apps and 30+ product SKUs.
- Initiated MSaaS Drift Detection program: authored Java JAR library to scan Git repos for configuration drift and built remediation roadmap using OpenRewrite — continuous quality infrastructure for platform health.
- 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 & Developer Platform 01/19 – 01/21

- Owned Search Service (Go microservices), Search Catalog (PostgreSQL metadata service), and Splunk Processing Language (SPL/SPL2) — distributed developer systems with programmable query interfaces.
- Delivered Scheduler Service end-to-end in ~4 months, enabling scheduled search for first-party applications; led query performance optimization achieving up to 10x improvements for enterprise beta customers — continuous quality and platform execution.
- Designed RICE-based prioritization framework across 3 microservice backlogs, balancing internal platform teams, third-party developers, 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 ITSI Application Monitoring-as-a-Service — platform capabilities scaled across multiple product teams.
- Built Redis and XC10 caching layer enterprise-wide 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 customer escalations for enterprise BI software; led cross-functional root cause analysis improving case resolution time by 20% — engineering foundation underpinning hands-on technical PM fluency.

AI/ML RESEARCH & PROJECTS

aeval — AI Model Evaluation Platform (2025–2026)

- Built local-first eval platform with 5 core eval types (factuality, reasoning, instruction-following, safety, code generation), adversarial safety testing with refusal detection, and data contamination detection — directly mirrors Figma’s eval platform pillar for continuous quality across AI features.
- 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.

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 (MPS/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, DPO, SimPO, IPO, KTO, ORPO, and more) with standardized throughput/memory/convergence benchmarking — continuous quality methodology for AI model improvement.

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

- Built automated visual eval system using multimodal AI (Claude/GPT-4V) to score model outputs against natural-language rubrics — reducing evaluation cycles from 72 hours to ~4 minutes via zero-integration screen-capture architecture.

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

- Production ML platform in PyTorch with 5 neural architectures, MLflow experiment tracking, Optuna HPO, and FastAPI serving — 823 automated tests, Docker orchestration (6 containers); spans 413 to 8B parameters. NeurIPS 2014 accepted paper.

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, Data Analytics, Large Scale Cloud Computing (AWS, GCP), Ethical Hacking, Digital Forensics, and Managing Cloud Projects — translating complex technical systems into clear decisions and direction.

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