

O. FELIX AMORUWA

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Technical Product Manager with 12+ years building developer-facing platforms and AI-native tooling at scale — including developer frameworks, SDK tooling, and CI/CD infrastructure serving 675M+ engagements at Intuit, and a hands-on RL post-training workbench benchmarking GRPO/DPO across GPU/CUDA accelerator toolchains today. Deep expertise taking 0-to-1 platform products to enterprise scale, defining the developer experience model across build systems and internal tooling, and driving internal platform adoption through product quality. NeurIPS published researcher with a strong thesis on human-agent collaboration and what developer productivity means when Claude writes, tests, and reviews meaningful portions of a codebase.

PROFESSIONAL EXPERIENCE

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 build and CI 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 — driving internal platform adoption through product quality and 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 (Java, Python, Kotlin, Go, TypeScript, Scala, PHP, C++, Groovy), analyzing usage data and developer feedback to inform strategic language investment decisions presented to CTO.
- Built Asterias, a declarative asset lifecycle management platform with GraphQL API; worked closely with telemetry and usage data (SQL, BigQuery) to surface developer friction across ~20 mobile apps and 30+ product SKUs.
- Initiated MSaaS Drift Detection and Resolution program: authored Java JAR library to scan Git repos for configuration drift and built remediation roadmap using OpenRewrite — an early automated dependency management capability.
- Led Mailchimp GCP-to-AWS migration for MSaaS, delivering Golang service template, MySQL persistence integration, and updated DevPortal documentation; implemented ICE Presence in async chat, generating \$480K/month in additional invoicing. DeveloperWeek 2022 speaker.

STREAMIO AI | Oakland, CA

Founder & CEO — AI-Native Developer Tooling Platform (macOS, Linux, iOS & Web) 09/24 – Present

- Shipped MCP server exposing screen capture tools to AI coding assistants, and implemented OpenClaw multi-agent orchestration framework with gateway protocol, subagent delegation, and session management — defining developer tooling primitives for human-agent collaboration workflows.
- Built embedded terminal (xterm.js/node-pty, 20+ slash commands) and cross-platform desktop builds (macOS DMG with code signing/notarization, Linux .deb) with native macOS ScreenCaptureKit integration via Swift — full CI/CD and release engineering for multi-platform developer tooling.
- 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 end-to-end auth and payments pipeline (Kinde OAuth 2.0, Stripe, Electron SafeStorage).
- Led 0-to-1 product strategy, AI development, 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 multi-provider LLM orchestration layer (Claude, GPT-4, Gemini) with fallback routing, RAG retrieval pipeline (ChromaDB), structured output validation, and token budget optimization — production AI platform serving retail investors via App Store launch.

SPLUNK INC. | San Francisco, CA

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

- Owned Search Service (Go microservices), Search Catalog (PostgreSQL metadata service), and Splunk Processing Language (SPL/SPL2) — built product roadmaps, PRDs, and acceptance criteria for Splunk Cloud Services (SCS).
- Delivered Scheduler Service end-to-end in ~4 months, enabling scheduled search capabilities for first-party applications; led query performance optimization achieving up to 10x improvements for Fortune 500 beta customer.
- Designed repeatable RICE-based prioritization framework for 3 microservice backlogs, balancing internal partner, third-party developer, and enterprise 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 — driving internal platform adoption at scale.
- Built Redis caching capability across the enterprise 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 software; 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 enhanced estimation model using Monte Carlo simulation to optimize DMAIC phase distribution across a \$494M portfolio in Global Technology & Operations.

AI/ML RESEARCH & PROJECTS

RL Workbench — Post-Training RL Platform & Accelerator Toolchain Benchmarking (2026)

- Built 3-phase RL post-training workbench with real TRL-powered GRPO/DPO training, live SSE metric streaming on Apple Silicon (MPS) and CUDA, and Arena for head-to-head framework benchmarking (TRL, VeRL, OpenRLHF, NeMo RL) with GPU Docker passthrough — hands-on accelerator toolchain management across GPU environments.
- Implemented 12 RL algorithms (PPO, GRPO, DAPO, REINFORCE, REINFORCE++, RLOO, DPO, SimPO, IPO, KTO, ORPO, SPPO) with standardized throughput/memory/convergence benchmarking and cross-tab workflow lineage tracking.

aeval — AI Model Evaluation Platform with CI/CD Integration (2025–2026)

- Built local-first evaluation platform with CI/CD integration, regression detection, and automated safety gates — an agent-driven test generation and governance framework. Stack: FastAPI orchestrator, TimescaleDB, Redis job queue, Next.js dashboard, Ollama.
- Statistical rigor: bootstrap confidence intervals, Welch's t-test, Cohen's d effect size, saturation detection; adversarial safety testing with refusal detection and data contamination detection via SHA-256 hashing.

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

- Reduced evaluation cycles from 72 hours to ~4 minutes via zero-integration screen capture architecture; multimodal AI (Claude/GPT-4V) generates structured PASS/FAIL reports with confidence scores — toil elimination through agent-driven automation.

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

- Production ML platform in PyTorch with 5 neural architectures, MLflow experiment tracking, Optuna HPO, FastAPI serving, and Docker orchestration (6 containers); original 2004 system hand-coded in C++ with custom BPTT — 413 to 8B parameters (19M-fold scale increase).

NeurIPS 2014 — Montreal, Canada (2014)

- Accepted paper on artificial neural networks for protein secondary structure prediction.

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