

O. FELIX AMORUWA

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Principal Product Manager with 12+ years defining developer platforms and AI systems at enterprise scale — from shipping SDK frameworks and CI/CD infrastructure serving 675M+ engagements at Intuit to building production agentic AI products with multi-agent orchestration, LLM evaluation pipelines, and automated safety gates. Deep hands-on fluency in agentic patterns, Spec-to-Code-to-Deploy workflows, and measurable evaluation frameworks. NeurIPS published researcher. Proven track record driving cross-organizational adoption of platform standards across engineering, infrastructure, security, and compliance — operating with the conviction and velocity of a startup founder inside large organizations.

PROFESSIONAL EXPERIENCE

INTUIT | Mountain View, CA

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

- Delivered ICE Self-Service platform (DevPortal, GitOps config, CI/CD integration, 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; achieved 275% YoY growth in ICE engagements, scaling to 675M+ in FY23 across QuickBooks, TurboTax, Mint, Mailchimp, and Credit Karma.
- 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; scaled platform throughput from 6K to 50K TPS via rSocket migration supporting ~1.5M concurrent connections at sub-25ms TP99.
- Conducted enterprise-wide Service Language Assessment across 9 languages (Java, Python, Kotlin, Go, TypeScript, Scala, PHP, C++, Groovy), synthesizing usage telemetry and developer feedback into strategic investment decisions presented to the CTO — demonstrating the executive communication and decisive prioritization this role demands.
- 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 — establishing measurable success criteria and data-driven roadmap governance.
- Initiated MSaaS Drift Detection and Resolution program: authored Java JAR library to scan Git repos for configuration drift, partnered with Design on DevPortal UI, and built remediation roadmap using OpenRewrite — defining governance boundaries for platform standards at scale.
- 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 Platform & Agentic Tooling (macOS, Linux, iOS & Web) 09/24 – Present

- Architected and shipped 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; directly demonstrates agentic patterns (tool use, planning/execution loops, structured prompting) the role requires.
- Built MCP server exposing screen capture tools to AI coding assistants, embedded terminal (xterm.js/node-pty, 20+ slash commands), and Spec-to-output pipelines (Pine Script generation, automated CMA reports via Redfin/Zillow APIs) — operationalizing Spec-to-Code-to-Deploy workflows in a production environment.
- Shipped production Electron + React + TypeScript desktop application with 100+ components, Redux Toolkit state management, and real-time AI analysis via Claude (MCP SDK) — validating hypotheses with real users through rapid build-measure-learn loops.
- Built end-to-end auth and payments pipeline (Kinde OAuth 2.0, Stripe subscriptions, Electron SafeStorage); engineered real-time HLS livestreaming pipeline with multi-stream canvas compositing (9 concurrent sources, 30fps) and FFmpeg transcoding — demonstrating full-stack architectural intuition across security, infrastructure, and platform layers.

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, structured output validation, and token budget optimization — shipping LLM-powered agentic products into production in a regulated financial services context directly relevant to SoFi's platform.
- Built domain-specific Fintellect Agents — conversational AI agents scoped to distinct financial focal points, delivering guided, context-aware advisory interactions; executed go-to-market through App Store launch with customer discovery and iterative refinement.

SPLUNK INC. | San Francisco, CA

Senior Product Manager — Search Orchestration & Cloud Platform 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, delivering Scheduler Service end-to-end in ~4 months and demoing at .conf19.
- Led query performance optimization for Fortune 500 beta customer (Assurance), achieving up to 10x performance improvements; designed RICE-based prioritization framework balancing internal partner, third-party developer, and enterprise customer requirements across 3 microservice backlogs. 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 — delivering observability platform infrastructure at scale.
- Built Redis/XC10 caching capability 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% — building the engineering foundation and architectural intuition that underpins platform PM work.

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.

AI/ML RESEARCH & PROJECTS

aeval — AI Model Evaluation Platform (2025–2026)

- Built local-first AI evaluation platform with 5 core eval types (factuality, reasoning, instruction-following, safety, code generation), adversarial safety testing with refusal detection, and data contamination detection — establishing measurable evaluation frameworks to ensure AI-driven workflows are reliable, safe, and continuously improving.
- CI/CD integration with regression detection and automated safety gates; statistical rigor via 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.

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 passthrough in Docker containers.
- Implemented 12 RL algorithms (PPO, GRPO, DAPO, DPO, SimPO, IPO, KTO, ORPO, SPPO, REINFORCE, REINFORCE++, RLOO) with standardized throughput/memory/convergence benchmarking and cross-tab workflow lineage tracking.

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 evaluation rubrics — reducing evaluation cycles from 72 hours to ~4 minutes with zero-integration 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); original 2004 system hand-coded in C++ with custom BPTT, 2026 rewrite spans 413 to 8B parameters.
- NeurIPS 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/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