

O. FELIX AMORUWA

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Hands-on technical leader with 12+ years building and scaling platform infrastructure — from routing 675M+ LLM-style engagements at 50K TPS (sub-25ms TP99) at Intuit to architecting multi-provider LLM orchestration with fallback routing as a founder. Proven engineering manager who ships code, owns architecture decisions, and drives platform reliability at scale across distributed systems, cloud infrastructure, and developer tooling. NeurIPS published researcher; active builder of AI routing, edge compute, and inference infrastructure side projects.

PROFESSIONAL EXPERIENCE

INTUIT | Mountain View, CA

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

- Scaled platform infrastructure to 675M+ engagements in FY23 across QuickBooks, TurboTax, Mint, Mailchimp, and Credit Karma — drove 275% YoY growth by leading rSocket migration that increased throughput from 6K to 50K TPS, supporting ~1.5M concurrent connections at 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, while mitigating \$1M+ in projected opex growth.
- Led GCP-to-AWS migration for Mailchimp MSaaS, delivering Golang service template, MySQL persistence integration, and updated DevPortal documentation — hands-on from architecture through production deadline.
- Extended Java and Python SDK Starter Kits with scaffolding templates, Gradle/Maven build configs, testing frameworks, and CI/CD integration — enabling 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 infrastructure investment decisions presented to CTO.
- Initiated MSaaS Drift Detection program: authored Java JAR library to scan Git repos for configuration drift and built remediation roadmap using OpenRewrite; implemented ICE Presence generating \$480K/month in additional invoicing.

STREAMIO AI | Oakland, CA

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

- Engineered OpenClaw multi-agent orchestration framework with gateway protocol, subagent delegation, profile management, and session switching — a routing and orchestration layer coordinating AI agents across multiple industry verticals, directly analogous to LLM routing infrastructure.
- Built production TypeScript/React/Electron desktop platform with 100+ components, Redux Toolkit state management, and native macOS/Linux support — shipped MCP server exposing screen capture tools to AI coding assistants and embedded terminal with 20+ slash commands.
- Engineered real-time HLS livestreaming pipeline: multi-stream canvas compositing (up to 9 concurrent sources at 30fps), FFmpeg transcoding, WebSocket communication layer, and local HTTP playback server — hands-on from architecture through production deployment.
- Shipped end-to-end auth and payments pipeline (Kinde OAuth 2.0, Stripe-tiered subscriptions, Electron SafeStorage); cross-platform builds with macOS code signing/notarization and native ScreenCaptureKit integration via Swift.

FINTELLECT AI | Oakland, CA

Founder & CEO — Multi-Provider LLM Orchestration Platform (iOS/Android/Web) 09/24 – Present

- Architected multi-provider LLM orchestration layer with fallback routing across Claude, GPT-4, and Gemini — mirroring OpenRouter's core routing-and-serving model — with RAG retrieval (ChromaDB), structured output validation, and token budget optimization.
- Built domain-specific conversational AI agents with context-aware routing and guided advisory interactions; executed App Store launch and go-to-market through customer discovery and influencer partnerships.

SPLUNK INC. | San Francisco, CA

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

- Owned Go microservices (Search Service), PostgreSQL metadata service (Search Catalog), and Splunk Processing Language (SPL/SPL2) — drove architecture decisions, PRDs, and roadmaps for Splunk Cloud Services at scale.
- 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 Fortune 500 beta customer via mirrored benchmark topology.
- Designed RICE-based prioritization framework across 3 microservice backlogs, balancing internal platform, third-party developer, and enterprise customer requirements. Splunk .conf18 & .conf19 Speaker.

KAISER PERMANENTE | Pleasanton, CA

SOA Technical Product Manager — Platform Infrastructure 08/12 – 12/18

- Led enterprise rollout of Splunk Logging-as-a-Service (1.7 TB daily volume, 200+ internal customers) and ITSI Application Monitoring-as-a-Service; built Redis and XC10 caching layer for scalability, fault tolerance, and data redundancy.
- Led demand forecasting and capacity planning for SOA product suite across multiple datacenters — owned reliability and cost trade-offs at enterprise scale.

IBM | Pittsburgh, PA / Foster City, CA / RTP, NC

Software Engineer — Business Intelligence Products 07/05 – 03/10

- Resolved multiple \$1–5M high-severity production escalations for enterprise software; led cross-functional root cause analysis and improved case resolution time by 20% across the Support Organization.

AI INFRASTRUCTURE & RESEARCH PROJECTS

aeval — AI Model Evaluation Platform (2025–2026)

- Built local-first LLM evaluation platform with FastAPI orchestrator, TimescaleDB, Redis job queue, Next.js dashboard, and Ollama — 5 eval types (factuality, reasoning, instruction-following, safety, code generation), adversarial safety testing, and CI/CD regression gates with automated safety guardrails.

RL Workbench — Post-Training RL Platform (2026)

- Built 3-phase RL post-training workbench benchmarking GRPO/DPO across TRL, VeRL, OpenRLHF, and NeMo RL with GPU Docker passthrough; implemented 12 RL algorithms (PPO, GRPO, DAPO, DPO, SimPO, and 7 others) with standardized throughput/memory/convergence benchmarking.

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

- Repurposed StreamIO's screen capture + HLS streaming + multimodal AI pipeline to score robot model outputs against natural-language rubrics — reduced evaluation cycles from 72 hours to ~4 minutes using 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, Optuna HPO, FastAPI serving, and Docker orchestration (6 containers); NeurIPS 2014 accepted paper. Original 2004 system: hand-coded neural network in C++ with custom BPTT.

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 — 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 04/18 – Present

- Courses: Java Programming (CIS 35A/B, 36A/B), PL/SQL, Data Analytics, Large Scale Cloud Computing (AWS, GCP), Ethical Hacking, Digital Forensics, Managing Cloud Projects.

ADDITIONAL INFORMATION

- Active OpenRouter-adjacent builder: multi-provider LLM routing, edge AI inference, and developer tooling side projects (Fintellect AI, aeval, RL Workbench).
- O'Reilly & OER Publications: Data Analytics and Managing Cloud Projects (forthcoming Summer 2026); FAA Commercial Drone License; FAA Private Pilot License.
- First Tee Assistant Golf Coach — San Francisco Chapter (2012–Present); Classical & Jazz Saxophone (Alto/Tenor/Baritone), Triathlon, Golf.