

O. FELIX AMORUWA

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Technical Product Manager with 12+ years delivering mission-critical infrastructure platforms at scale — from capacity planning across multi-datacenter environments at Kaiser Permanente to scaling a high-throughput platform to 675M+ engagements and 50K TPS at Intuit. Proven track record owning end-to-end product lifecycles for asset lifecycle management, telemetry-driven observability, and operational efficiency platforms across complex cross-functional stakeholder environments. Experienced building data- and AI-driven solutions with defined KPIs, structured prioritization frameworks, and iterative delivery discipline. NeurIPS published; BS Computational Engineering, UC Berkeley; MS Software Management, Carnegie Mellon.

PROFESSIONAL EXPERIENCE

KAISER PERMANENTE | Pleasanton, CA

SOA Technical Product Manager — Infrastructure & Data Center Operations Platforms 08/12 – 12/18

- Led demand forecasting and capacity planning for SOA product suite across multiple datacenters — analyzing demand drivers, modeling capacity constraints, and delivering IT capacity plans aligned to business OKRs.
- Owned end-to-end delivery of Splunk Logging-as-a-Service (1.7 TB daily volume, 200+ internal enterprise customers) and ITSI Application Monitoring-as-a-Service — providing real-time operational visibility across the enterprise infrastructure portfolio.
- Architected caching capability using Redis and XC10 across the enterprise to address scalability, fault tolerance, and data redundancy — improving uptime and incident response for mission-critical systems.
- Defined system-of-record strategy and data integration patterns for SOA platform suite, aligning cross-functional stakeholders across operations, engineering, and IT.

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 — achieving 50K TPS via rSocket migration supporting ~1.5M concurrent connections at sub-25ms TP99, demonstrating delivery of iterative, scalable platforms in a high-stakes production environment.
- Built Asterias, a declarative asset lifecycle management platform with GraphQL API — enabling structured tracking, governance, and reporting across a portfolio of 20+ mobile apps and 30+ product SKUs; direct analog to DCIM/asset lifecycle management at datacenter scale.
- Delivered ICE Self-Service platform (DevPortal, GitOps config, ICE Playground), reducing onboarding from 2–3 weeks to minutes in pre-prod and <24 hours for production — mitigating \$1M+ in projected opex growth through operational efficiency.
- Defined telemetry and data strategy using SQL and BigQuery across the infrastructure portfolio; conducted enterprise-wide service assessment across 9 languages with findings presented to CTO — driving data-informed prioritization and roadmap decisions.
- Initiated MSaaS Drift Detection and Resolution program: built Java JAR library to scan Git repos for configuration drift and developed remediation roadmap — establishing configuration lifecycle management and compliance discipline across the platform.
- Led Mailchimp GCP-to-AWS migration for MSaaS, delivering updated templates, persistence integration, and DevPortal documentation on schedule — demonstrating multi-system migration execution under capital and deadline constraints.
- Designed RICE-based prioritization framework and maintained structured execution through Jira, balancing internal partner, third-party, and Fortune 500 customer requirements across multiple concurrent workstreams.

SPLUNK INC. | San Francisco, CA

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

- Owned Search Service (Go microservices), Search Catalog (PostgreSQL metadata service), and Splunk Processing Language (SPL/SPL2) — built PRDs, user stories, and acceptance criteria for Splunk Cloud Services, managing end-to-end product lifecycle for mission-critical data infrastructure.
- Delivered Scheduler Service end-to-end in ~4 months (June–Oct 2019), enabling scheduled search capabilities for first-party applications — demonstrating rapid, iterative delivery in a high-stakes infrastructure environment.
- Led query performance optimization for enterprise customer (Assurance), building mirrored topology for benchmark testing and achieving up to 10x performance improvements — directly improving MTTR and system reliability KPIs.
- Designed repeatable RICE-based prioritization framework across 3 microservice backlogs, aligning diverse stakeholders across operations, engineering, and Fortune 500 customer requirements. Splunk .conf18 & .conf19 Speaker.

STREAMIO AI | Oakland, CA

Founder & CEO — streamio.ai 09/24 – Present

- Engineered real-time telemetry and data pipeline (HLS livestreaming, WebSocket communication, multi-source compositing at 30fps) — demonstrating hands-on fluency in real-time data capture, streaming infrastructure, and system integration patterns applicable to BMS/SPoG and operational monitoring platforms.
- Led 0-to-1 product strategy, AI development, and go-to-market execution including customer discovery interviews, iterative product refinement, and cross-platform delivery (macOS, Linux, iOS, Web).

FINTELLECT AI | Oakland, CA

Founder & CEO — fintellectai.io 09/24 – Present

- Architected data- and AI-driven platform with RAG retrieval pipeline, multi-provider LLM orchestration, structured output validation, and token budget optimization — building experience defining data models, integration strategies, and AI-driven automation workflows.

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 software products — led cross-functional root cause analysis and customer-facing resolution, improving case resolution time by 20% and demonstrating structured incident response discipline.

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 — demonstrating quantitative capacity and capital constraint modeling.

AI/ML RESEARCH & PROJECTS

- aeval — AI Model Evaluation Platform** (2025–2026)
- Built operational data platform with real-time KPI tracking: FastAPI orchestrator, TimescaleDB time-series store, Redis job queue, Next.js dashboard, and Ollama — providing portfolio-level visibility into model performance with CI/CD regression detection and automated safety gates; directly analogous to DCIM/BMS dashboard and telemetry coverage requirements.
- RL Workbench — Post-Training RL Platform** (2026)
- Built GPU-accelerated benchmarking platform with Docker GPU passthrough, live SSE metric streaming, and cross-framework performance benchmarking (TRL, VeRL, OpenRLHF, NeMo RL) — providing firsthand experience with the GPU cluster workloads CoreWeave’s customers run at scale.
- BRAIN — Protein Structure Prediction ML Platform** (UC Berkeley 2004; rewritten 2026)
- NeurIPS 2014 published research; production ML platform in PyTorch with MLflow experiment tracking, Optuna HPO, FastAPI serving, and Docker orchestration (6 containers) — 823 automated tests across 413-parameter to 8B-parameter scale.

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
- Courses: Java Programming (CIS 35A/B, 36A/B); Introduction to PL/SQL (CIS 64C/G); Introduction to Data Analytics (CIS 44F); Fundamentals of Large Scale Cloud Computing — AWS, GCP (CIS 64E); Ethical Hacking (CIS 102); Digital Forensics (CIS 104); Managing Cloud Projects (CIS 95F).

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