

iOS + AI + ML | Architected Agentic RAG system for finance · Launched WhatsApp multi-modal feature, driving seamless UX · Built Facebook client-side ML ad ranking system

Professional Experience

Linetic Ai - Software Engineer - AI Agent (Contract)

Apr 2025 - Present

- **Agentic RAG Systems:** Designed and implemented an Agentic RAG system for conditional strategy recommendations in regulated financial environments, focusing on auditability and explainability
- **LLM Orchestration:** Built an end-to-end LLM orchestration pipeline with LangGraph, enhancing multi-step reasoning capabilities across agent workflows
- **Dynamic Workflows:** Developed dynamic agent workflows for gap analysis, ensuring transparent state management and explainable outputs
- **Enterprise AI:** Prototyped and iterated on AI-driven experiments, validating feasibility before production deployment in enterprise environments

Meta - Software Developer

Feb 2022 - Apr 2025

[WhatsApp AI Initiatives]

- **Text-to-Image Integration:** Developed the text-to-image feature for Meta AI and WhatsApp integration, delivering seamless iOS UI/UX with Animator and Snapshot for sophisticated screen transitions
- **AI Infrastructure:** Contributed to evolving client infrastructure to support Meta AI, integrating generative AI features smoothly into WhatsApp's mobile app ecosystem
- **File Infrastructure Leadership:** Owned and led the attached file message infrastructure on iOS and coordinated cross-platform shipping of file forwarding across iOS, Android, and Web
- **Agent Features:** Shipped agent-like features with strong emphasis on Swift prototyping, UI refinement, and enterprise-grade release pipelines, ensuring stability across WhatsApp's scale
- **Emoji Reactions:** Built and shipped the emoji reaction feature, contributing to a launch that **reached 172M DAUs within two months**

[Facebook Ads Algorithm]

- **ML-Based Ad Ranking:** Designed and implemented a client-side ML-based ad ranking system in the iOS app, **improving startup performance and reducing latency**
- **Data Pipeline:** Built a data collection pipeline within the iOS app to support on-device ML inference, enabling more reliable and timely inputs
- **Ad Rendering System:** Developed a unified ad rendering system supporting multiple formats, applying heuristics, client-side algorithms, and ML to optimize ad placement
- **Data Analysis & Recovery:** Conducted log data analysis experiments to improve observability and resolve tracking discrepancies; **recovered 56% of missing data and reduced throttling by 35%**
- **Performance Optimization:** Prototyped and shipped a custom feedback collection system and implemented client-side content filtering logic with zero performance trade-off

CitiBank - iOS Developer

Feb 2020 - Feb 2022

- **Mobile Banking & Payment Systems:** Implemented new features in the Citibank mobile app using Swift, RESTful/SOAP APIs, and dynamic UI rendering; shipped Zelle peer-to-peer transfer integration and mobile check deposit with camera integration for real-time capture and processing
- **Cross-Platform Integration:** Developed Apple Watch integrations enabling notifications and seamless data synchronization, and prototyped macOS companion tools to extend mobile banking capabilities across devices

Project: My Daily Memo (Live in app Store) - itunes.apple.com/us/app/my-daily-memo/id1278855094

Education: ASU FIDM, Los Angeles

Business Management (B.S.)