Narissara Namkhan

AI Engineer & iOS Developer

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SUMMARY

I am a self-driven, resourceful professional who thrives on turning curiosity into expertise. My career has been shaped by a relentless commitment to self-directed learning—identifying gaps, researching solutions, and mastering skills through hands-on experimentation. Whether it's designing databases, automating workflows, managing cloud infrastructure, and now training AI models, I've cultivated a "learn-by-doing" mindset, allowing me to adapt quickly to new challenges and industries. This approach has not only equipped me with a diverse skillset but also earned me trust and referrals through word of mouth, as clients and colleagues rely on my ability to deliver results with minimal guidance.

TECHNICAL SKILLS

AI & ML:	LLM Integration, NLP, RAG Pipelines, PyTorch, Autonomous Agents	**Mobile:**	Swift, SwiftUI, iOS, watchOS, Xcode
Backend:	Python, FastAPI, Node.js, Express, REST, GraphQL, WebSocket	**Cloud & DevOps:**	Docker, CI/CD, GitHub Actions, Linux, AWS
Databases:	PostgreSQL, MongoDB, Supabase	**Automation:**	Python, Bash, Web Scraping, ETL Pipelines

PROJECTS

PwnPal — AI Pentesting Agent — Python, FastAPI, Docker, PostgreSQL

- Chat-based security scanner across 7 messaging platforms with 14 integrated tools and multi-agent AI brain
- Orchestrated LLM pipelines (Planner → Scanner → Analyzer → Reporter) for automated security scanning
- Cloud-native architecture with Docker isolation, real-time WebSocket streaming, and PostgreSQL backend

Chrysnest — DV Survivor Roommate App — Swift, SwiftUI, Supabase

- Privacy-first iOS app with end-to-end encryption, 50 RLS policies, and AES-256-GCM local encryption
- Real-time messaging, location-based matching, and comprehensive safety verification system

CycleGlow — AI Period & Skincare Tracker — Python, FastAPI, SwiftUI (iOS coming soon)

- Maps hormonal cycles to personalized skincare routines with science-based AI recommendations

Purrfocus — Guilt-Driven Pomodoro Timer — Swift, SwiftUI, watchOS

- iOS + Apple Watch productivity app with 15 virtual cats, live on the App Store

EDUCATION

M.S. Computer Science — In Progress

University of Colorado Boulder (Remote)

WORK EXPERIENCE

Backend Systems Engineer
Jan 2026 – Aug 2026

LoveLifeNow · Part-time

- Single-handedly rescued and re-engineered a broken backend infrastructure for a DV awareness nonprofit
- Architected custom Stripe and Bloomerang API integrations, ensuring 100% transaction integrity
- Deployed self-hosted backend services and automated legacy workflows into a reliable, secure data pipeline

Web Developer
Jun 2023 – Present

Arts & Kardz · Montreal, QC

- Developed and maintained client-facing web applications