

AdrianDeng

AI FULL STACK ENGINEER

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PROFILE

AI Full Stack Engineer building product systems from definition and interface design through service architecture, AI orchestration, native iOS experiences, and deployment.

CAPABILITIES

AI ENGINEERING	AI Agent, RAG, tool calling, prompt systems
WEB SYSTEMS	Next.js, Vue 3, TypeScript, Spring Boot, FastAPI
NATIVE IOS	SwiftUI, SwiftData, WidgetKit, App Intents, Shortcuts
DELIVERY	Docker Compose, Nginx, MySQL, Redis, Elasticsearch

SELECTED WORK

SmartShop AI

2026

AI FULL STACK ENGINEER

Dockerized commerce operations platform combining Vue 3, Spring Boot, FastAPI AI orchestration, RBAC, analytics, AI Agent tool calling, and RAG. The validated demo includes 50 products, 1,000 orders, 300 customers, and seven services behind Nginx.

XLedger

2026

PRODUCT ENGINEER

Privacy-first native iOS ledger built with SwiftUI, SwiftData, WidgetKit, App Intents, Shortcuts Automation, and Live Activities. Validated interface captures cover daily overview, quick entry, records, budget control, and Home Screen widgets.

Packaging Design

Selected work

VISUAL PRODUCT SYSTEMS

Fifteen real product series and forty scene or mockup images across pet nutrition, supplements, care, and home-training formats.

WORKING SCOPE

Product definition / System architecture / Full-stack implementation / AI workflow design / Native iOS delivery / Production validation

VERIFIED EVIDENCE

SMARTSHOP AI	7 services / 50 demo products / 1,000 demo orders / 300 demo customers
XLEDGER	6 validated iPhone captures across product and Home Screen states
PACKAGING	15 product series / 40 real scene and mockup images