Ray Huang

Forward Deployed Engineer · Applied AI

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Seven years delivering enterprise platforms for Nike, Amazon and Lululemon at iSoftStone. Since early 2026, independently built five products and business systems, including an App Store AI app. Bilingual English/Chinese, with direct client collaboration, stakeholder discovery and end-to-end delivery.

WORK AND PROJECT EXPERIENCE

2026.01 – present **Independent Developer** **Product Engineer**

- **Biguomiao** - Built and released an AI exam-prep iOS app on the App Store, owning product design, SwiftUI and backend. Supports page/batch answers, personal materials and source verification; implemented StoreKit 2 purchases, restoration, refund revocation and usage accounting.
- **Zoocasso** - Built an AI image workspace whose initial seed users are practicing architects and urban designers. Integrated GPT-image-2.5 and Qwen for reference generation, local edits, version branches and new viewpoints; deployed on Cloudflare with email signup and online payments.
- **Ceyuan** - Built a GEO content workflow from business profiles through AI generation, human review and publishing, with audit records and final-URL checks. Core workflow complete.
- **Elevator Installation Tracker** - Mapped workflows with a Singapore installer's owner and chief engineer, translating WhatsApp updates into a dashboard, Telegram reporting and GPS attendance. Added exception review and change history.
- **Han Far Living** - Built a lead-to-payment platform for a custom-blinds brand: customer quote links, deposits, immutable quote versions and server-side price checks.

2018.8 – 2025.9 **iSoftStone IT (Group) Co., Ltd** **Senior Software Engineer**

Lululemon CNDAM *(DAM on Nuxeo. Lululemon China.)*

- Built a configurable approval engine so non-technical business users can compose multi-stage sequential/parallel workflows without Nuxeo Studio, with due-date reminders and overdue cancellation.
- Built an in-app notification center end to end — a custom Nuxeo REST entity plus a Web UI drawer/list with unread count and bulk mark-as-read.
- Integrated CNDAM with upstream/downstream systems; migrated large-scale asset libraries from SharePoint and Global DAM (Lululemon US).
- Re-skinned the Web UI to match Global DAM.

Nike Dimension 6 *(DAM. Nike Global. Asset quantity: 1,200,000)*

- **Trained Nike US and Nike India engineers on Nuxeo.**
- To meet customer requirements, enhanced Nuxeo core functionalities like Download and Publish.
- Migrated 400,000+ assets from different sources to Nike D6.
- Integrated with other Nike systems (Picklists synchronization; pushing updates to the content distribution system).
- Resolved the performance issues on search pages.

Amazon Devices Hub *(DAM. Amazon US. Asset quantity: 200,000)*

- To meet customer requirements, enhanced Nuxeo's tagging/keyword feature.
- Built a bulk-importer add-on that transfers files from S3 to Amazon Devices Hub directly.
- Designed the Shopping Cart module for the Amazon Devices Hub e-Commerce portal.
- Implemented the payment module integrated with PayPal and Stripe options.
- Optimized product search for the portal, significantly improving accuracy and reducing response time.
- Wrote unit tests, reaching up to 80% code coverage.

Avon Grow *(used by Avon Sales Leaders to recruit Reps and manage their leads. 20+ markets worldwide.)*

- Worked with UK technical teams to build workflow and validation services and integrate up to 30 APIs.
- Stepped up to take on Android development for 4 months, delivering the Dashboard feature.

SKILLS

Languages	Java · JavaScript · TypeScript · Python · Swift
Frameworks & Platforms	Nuxeo · Spring · React · Next.js · FastAPI · SwiftUI · StoreKit 2
Data & Cloud	PostgreSQL · MongoDB · AWS S3 · Cloudflare Workers / R2
AI	LLM / multimodal integration · Output verification & reconciliation

STRENGTHS

Discovery and modeling. Map workflows with stakeholders, from installation steps to custom quotes; turn scattered information into data models and verifiable delivery tasks.

End-to-end ownership. Own product design, client and backend implementation, payment integration, deployment and iteration, including technical tradeoffs and diagnosis.

Applied AI with verification. Combine LLM and multimodal integration with source checks, task records and payment reconciliation, keeping exceptions inspectable and ready for human review.

Bilingual client collaboration. Write technical documentation in English, work directly with US, UK and Singapore clients and teams, and train Nike engineers in the US and India.

EDUCATION

2011.8 – 2014.9 **Nanyang Technological University** **B.S. / Computer Science**