



Harry Shao

Backend Developer / Full-Stack Developer / AI Agent Developer

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10 years building enterprise systems across ERP, fintech, and e-commerce. Since 2025, focused on shipping Agents, RAG, and MCP into existing products—plus the access control, auditing, and reliability work that starts after the demo.

Interested in enterprise AI, agent platforms, and business-system modernization roles in Shanghai, Singapore, Japan, or remote.

SKILLS

Current focus

- Agents / Tool Calling / MCP
- RAG / document parsing / PGVector
- LLM APIs / local model integration
- Access control / auditing / observability

Long-term stack

- Python / Go / PHP backend
- PostgreSQL / Redis / MySQL
- Docker / CI/CD / K8s
- Vue / React collaboration

EXPERIENCE

Black Flame Inc. · AI Agent Developer

2023 — Present

ERP intelligence for medtech: MCP tool layer, RAG knowledge base, access audit; led pilot rollout of natural-language order/production queries across 72 production centers.

Xinfei Technology · Backend Developer

2018 — 2022

Led fintech CRM, OMS, and collections systems. In 2025, independently built an MCP + Collections Agent prototype on top of that domain model.

Feiniu Technology · Full-Stack Developer

2016 — 2018

Built e-commerce CMS, OMS, and marketing automation. In 2025, packaged ops flows as a Marketing Ops Agent + MCP toolchain demo.

AI APPLICATION CASES

Medical ERP Order Intelligence Assistant In Production

2025

Built an AI Agent on a medical 3D printing manufacturer’s ERP serving 72 production centers. Read-only MCP tools for orders, production status, and customer records; RAG over SOPs and manuals. Live for order lookup, production tracking, and exception triage—200+ daily calls, <3s avg latency, ~40% fewer related manual inquiries.

AI Agent · MCP · RAG · ERP · Python

FinTech Collections · MCP & Agent Retrofit Independent Prototype

2025

Desensitized prototype based on collections systems owned 2018–2022; no production data. MCP tools for profiles, case status, dial strategies, and compliance scripts; natural-language case lookup, assignment suggestions, and call summaries to test Agent boundaries in high-privilege workflows.

MCP · AI Agent · Collections · Redis · Python

E-commerce Marketing · Ops Agent Retrofit Independent Prototype

2025

Desensitized Marketing Ops Agent from earlier CMS / OMS / marketing automation work. MCP over catalog, inventory, campaigns, and ad data for copy generation, scheduling suggestions, performance Q&A, and anomaly attribution.

AI Agent · MCP · CMS · OMS · Marketing

TECHNICAL WRITING

- LMCache: Reusing KV Cache with vLLM — Inference serving, caching, and performance

- **MinerU: Preparing Documents for RAG** — Document parsing and knowledge-base input quality
- **Loops Replace Prompts** — Agent loops and workflow design

More at <https://www.timewait.cc/aboutme/>