

Kota Kawagoe

Target Role: AI Application / Backend Engineer (Agents, RAG, Python)

Location : Kanagawa, Japan Email : kota7kawagoe@gmail.com

Portfolio : <https://project-kk.com> GitHub : <https://github.com/kota-kawa> LinkedIn : <https://www.linkedin.com/in/kota-kawagoe-0a22263a7/>

Summary : Focused on autonomous AI agents and privacy-first RAG systems. Able to drive projects end-to-end—from ambiguous requirements through user journey design, implementation, evaluation, and iterative improvement.

Skills : Languages & Backend: Python, TypeScript, JavaScript, FastAPI, Django, Flask

LLM / RAG: LangChain, LlamaIndex, LangGraph, FAISS, pgvector, Embeddings

Databases & Infrastructure: PostgreSQL, MySQL, Redis, Docker, Nginx, Linux

Frontend: React, Next.js, Tailwind CSS

Selected Project : Browser-Agent: Browser Automation Agent with Web UI

Delivered a browser automation agent with a web-based interface. Provided browser_use via FastAPI + noVNC, enabling natural-language control and real-time visualization.

Experience : Collaborative Research with Manable Inc.

Led a 3-member team to design and implement a robust, privacy-conscious RAG system for internal enterprise knowledge utilization. Presented outcomes at **FIT 2025**.

Education : Kanagawa Institute of Technology — B.S. Candidate, Faculty of Informatics,

Department of Information Network & Communication

Apr 2021 – Mar 2026 (expected), Kanagawa, Japan

University of North Alabama

Jun 2023 – May 2024 -Dean's List (Fall 2023) -GPA: 3.75/4.0 -Final project in an AI course ranked #1 in the class

Awards & Activities : Matsuo Lab LLM Course — Final Competition : Built a model using LoRA SFT + DPO; placed in the **top 5%**.

Meta Llama Ideathon 2024 : Selected participant; developed a generative AI prototype.

Languages : Japanese: Native English: Business level (TOEIC 715; 1 year study abroad + presentation experience)