Yuto Kawashima

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Objective

Seeking to leverage technical depth to tackle real-world problems and deliver customer value by bridging technology and user needs, and communicating solutions clearly to stakeholders.

Education

Nagoya University   Expected Graduation: Mar 2028
Faculty of Science, Department of Physics
Interests: Applied computing, simulation, and data-driven problem solving.
GPA: 3.22 / 4.0

Experience

Registered Sales Clerk (licensed to sell OTC pharmaceuticals in Japan)   Apr 2024 – Present
Matsumotokiyoshi Co., Ltd.

- Listen to customer needs and provide tailored OTC medicine recommendations.
- Explain specialist product and safety information in accessible language.
- Collaborate with team members on inventory and daily operations.

Projects

Chat-based OTC Medicine Consultation Tool (Beta)
GitHub | Live Demo (JP UI; multilingual support available)

- Addressed real-world gaps (elderly communication, language barriers, staffing) with a chat app that suggests OTC medicines using a hybrid rule-based + LLM recommendation engine; full ownership from requirements to design, development, and operation.
- Tech: Python, Flask, OpenAI API, PostgreSQL (Neon), JS, GCP Cloud Run, Docker. Implemented security and input validation, multi-language and accessibility (WCAG-oriented) support.
- Migrated from Render to GCP Cloud Run and from Cloud SQL to Neon PostgreSQL; reduced cost and enabled scale-to-zero.

Awards & Competitions

- Yumekatari Student-Generated AI Contest: Development, Individual —**Grand Prize** (Nov 2025)
- Sugiyama Jogakuen University —13th Business Plan Competition —**Excellence Award** (Dec 2025)
- 9th Wakayama Data Utilization Competition —**Quality Soft Award** (Dec 2025)
- Career Gateway 2025 Idea Competition (doda) —**Judge's Special Award** (Jan 2026)

Skills

Languages: Python, JavaScript, HTML/CSS, TypeScript, Rust, C
Frameworks: Flask, Next.js, React, Tailwind CSS
Cloud & DevOps: GCP (Cloud Run; design, deployment, operation), AWS, Docker; Azure (learning).
Databases: PostgreSQL
Tools: Git, GitHub, Linux

Certifications

Fundamental Information Technology Engineer Examination (Japan) | Registered Sales Clerk

Languages

Japanese (Native) | English: Intermediate (technical reading and documentation; conversational speaking)