

Yuto Kawashima

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Objective

Seeking a cloud engineering role where I can design and deliver scalable, reliable cloud architectures by bridging customer business requirements and technical solutions, with a strong interest in AWS Professional Services.

Statement of Purpose

I am applying to AWS Professional Services because I want to bridge cloud technology and real-world business challenges. My experience operating production systems on GCP (Cloud Run, Neon PostgreSQL) has shown me that successful cloud solutions require understanding customer needs and designing architectures that scale reliably. I developed a cloud-based medicine consultation tool, migrating from Render to GCP and optimizing for cost and scale-to-zero—achieving significant performance improvements and cost reduction. Through AWS Free Tier hands-on practice, I have gained foundational knowledge of AWS services (EC2, S3, IAM, VPC, CloudWatch) and network fundamentals. I am learning infrastructure as code concepts (Terraform, CloudFormation) and have experience with CI/CD pipelines and security best practices (Security Connect 2026 participant). During this internship, I hope to contribute by applying analytical and problem-solving skills to real customer projects, while developing technical documentation and presentation skills essential for AWS Professional Services engagements.

Education

Nagoya University

Faculty of Science, Department of Physics | GPA: 3.22 / 4.0

Expected Graduation: Mar 2028

Experience

Registered Sales Clerk (licensed to sell OTC pharmaceuticals in Japan)

Apr 2024 – Present

Matsumotokiyo Co., Ltd.

- Provide tailored OTC medicine recommendations and explain product information in accessible language.
- Explained technical and product information clearly to diverse customers; experience later applied to presenting technical solutions and creating documentation (README, API specs, architecture designs).

Projects

Chat-based OTC Medicine Consultation Tool (Beta) [GitHub](#) | [Demo](#)

- Developed cloud-based chat app using hybrid rule-based + LLM engine; full ownership from requirements to operation. Migrated from Render to GCP Cloud Run and Cloud SQL to Neon PostgreSQL; achieved significant performance improvements and cost reduction.
- Tech: Python, Flask, PostgreSQL, GCP Cloud Run, Docker, CI/CD (GitHub Actions). Implemented security best practices, multi-language, and accessibility support. Applied agile-style iterative development with GitHub Issues for task management.

AWS Hands-on Projects

2024 – Present

- Designed and deployed basic web architectures on EC2 (Amazon Linux), configuring security groups and implementing VPC/subnet structures with routing and network isolation.
- Implemented static website hosting using S3 with bucket policies and public access configuration.
- Configured IAM users, roles, and policies following least-privilege principles.
- Monitored application performance using CloudWatch logs and metrics.

Awards & Competitions

- AWS Digital Society Tour 2025 Nagoya —**Finalist** (Aug 2025)
- Yumekatari Student-Generated AI Contest: Development, Individual —**Grand Prize** (Nov 2025)
- Sugiyama Jogakuen University —13th Business Plan Competition —**Excellence Award** (Dec 2025)
- Career Gateway 2025 Idea Competition (doda) —**Judge's Special Award** (Jan 2026)

Skills

Languages: Python, JavaScript, TypeScript, Rust, C

Cloud & DevOps: GCP (Cloud Run), AWS (EC2, S3, IAM, VPC, CloudWatch), Docker, IaC (Learning: Terraform, CloudFormation), CI/CD (GitHub Actions), PostgreSQL, Linux, Git

Networking & Security: TCP/IP, DNS, HTTP/HTTPS, Load Balancing, AWS VPC, Subnets, Security Groups, Basic understanding of routing and network isolation, OWASP Top 10, Security Connect 2026

Methodologies: SDLC, Agile-style iterative development, Task management with GitHub Issues

Certifications & Languages

Fundamental Information Technology Engineer Examination (Japan) | Registered Sales Clerk | AWS Certified Cloud Practitioner (In Progress)

Japanese (Native) | English: Intermediate