

Yuma Uchida

Infrastructure Engineer / Project Manager

Tokyo, Japan (JP)

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SUMMARY

Engineer who handles both PM and technical lead roles. Covers the full range from technology selection and infrastructure design for new applications, through backend implementation and team management.

SKILLS

Infrastructure

AWS ECS / Fargate Docker

Kubernetes AWS CDK

CI/CD (CodePipeline, GitHub Actions)

Backend

PHP / Laravel Go

MySQL / PostgreSQL

REST API Design

Frontend / Other

React TypeScript Next.js

WORK EXPERIENCE (4)

Sep 2025 - Dec 2025

Tech Lead / Project Manager at

Development of a unified booking management and smart lock control tool for accommodations.

- Infrastructure as Code with AWS CDK: Automated environment provisioning and ensured reproducibility, reducing deployment time by 50%.
- E2E Testing with Playwright: Introduced automated regression testing from scratch, significantly reducing manual QA costs.
- Tech Lead for a multi-national team (Japan, Philippines, Vietnam): Led code reviews, architectural decisions, and English-language communication across borders.

Jan 2024 - Apr 2025

PM / Lead at

New development and operation of a CRM (Patient Management System) and LINE Mini App for medical institutions.

- PM & Dev Lead for a 20-person team (Engineers, Designers, QA).
- Introduced Playwright automated testing, cutting the release bug rate from 6% to 3% — a 50% reduction.
- Stakeholder Management: Aligned interests across Sales, CS, and Engineering, defining roadmaps and priorities.

Jun 2019 - Feb 2024

Lead Engineer at

Development and maintenance of a core business system (Inventory, Estimation, Ordering, Construction Management) for a franchise headquarters and its franchisees.

- Digital Transformation: Centralized fragmented Excel/paper workflows into a unified system, improving operational efficiency by ~30%.

- Cloud Migration: Designed and implemented migration from on-premise to AWS ECS Fargate; built a CI/CD pipeline (CodePipeline) to accelerate delivery.
- Major Upgrade: Led migration from Laravel 6 to 10, refactoring legacy code and eliminating technical debt.

Apr 2012 - Sep 2016

R&D Engineer, Chemical Development Division at Canon Inc.

Research and development of fuser materials for laser printers. Achieved a 10% reduction in text blur and degradation through material optimization. Transitioned to software engineering in September 2016.

EDUCATION (1)

- 2012

B.Eng. Faculty of Engineering at Nihon University

AWARDS

2024

Udemy Best Seller Instructor at Udemy

Docker/Kubernetes courses (26,000+ students)

2020

Impress Academy Lecturer at Impress Academy

Docker / Kubernetes corporate workshops (60 attendees, 95%+ satisfaction)