

# Jumpei Ueno

## Senior Cloud Infrastructure Engineer

hello@junueno.dev | junueno.dev | github.com/jun-ueno | linkedin.com/in/jun-ueno

Japan (currently in Thailand, GMT+7)

### SUMMARY

---

6+ years across backend, AWS infrastructure, and FinOps. Realized 30-40% AWS cost reduction. Translates executive intent into infrastructure decisions and surfaces platform constraints back to the C-suite. Sole inventor of a 0-RTT VPN handshake (USPTO pending). Currently expanding into Cloud Security architecture.

### EXPERIENCE

---

#### FID K.K. | Senior SRE / Infrastructure Engineer (Contract)

2025-03 to Present, Remote

- Reduced AWS and GCP spend 30-40% across multiple accounts via orphaned-resource cleanup, off-hours scheduling, ECS right-sizing, and budget-alert design.
- Built AI-augmented infrastructure operations on Claude Code, delivering one engineer-year of capacity in production ops.
- Translated executive intent into infrastructure decisions and surfaced platform constraints back to the C-suite (CEO, CTO, CFO).
- Hired and mentored an engineer.
- Responded to three production DDoS incidents including SYN-flood, root-cause analysis through WAF deployment.

Stack: AWS, GCP, Terraform, Python, Bash, GitHub Actions, CloudWatch, Claude Code.

#### Deloitte | Specialist Senior

2024-08 to 2025-02, Tokyo

Connected-vehicle data platform for a major Japanese automotive manufacturer.

- Built ETL pipelines on GCP Dataflow with Java and Apache Beam, lifting throughput 60%.
- Terraformed GCP resources for consistent multi-environment deployment.
- Automated daily monitoring with Bash, cutting manual work 90%.

Stack: GCP Dataflow, Cloud Spanner, BigTable, BigQuery, Java, Terraform.

#### Deloitte | Specialist

2023-02 to 2024-07, Tokyo

Web application platform for a major Japanese megabank.

- Led the AWS infrastructure team in a multi-vendor environment alongside NTT Data: sub-leader of 6, then team leader of 3.
- Owned GitLab CI/CD as the sole Deloitte-side engineer, cutting manual deploy work 80% via ECS-based multi-environment automation for a Next.js and Sitecore / C# stack.

- Designed monitoring with JP1, CloudWatch, Lambda, and SNS for alerting and error notification.
- Built PowerShell tooling for bank tellers and led weekly client communication.

Stack: AWS ECS Fargate, RDS, Lambda, GitLab CI/CD, JP1, Bash, Python, PowerShell, Sitecore.

## StrategIT K.K. | Software Engineer

2022-01 to 2023-01, Tokyo

- Migrated EC2 to ECS Fargate, delivering ~30% server-cost reduction.
- Built GitLab CI/CD automation, cutting manual deploy effort 65%.
- Implemented CloudFormation IaC, eliminating 90% of configuration drift.

Stack: AWS ECS, EC2, DocumentDB, CloudFormation, Docker, Bash, GitLab CI/CD.

## Mirai Keikaku K.K. | Software Engineer / IT Division PM

2020-08 to 2021-10, Nagoya and Tokyo

Commercial fleet management platform.

- Designed AWS-based infrastructure on ECS and ECR.
- Built GitHub Actions CI/CD, cutting deploy time 50%.
- Built internal tooling on Google Apps Script with REST API integration.
- Promoted from Logistics Operations Lead to IT Division PM.

Stack: AWS ECS, Docker, GitHub Actions, Google Apps Script.

## SKILLS

---

- **Cloud:** AWS (~7y), GCP (~5y)
- **CI/CD and IaC:** GitLab CI/CD, GitHub Actions, Terraform, Ansible, CloudFormation
- **Containers:** Docker, ECS Fargate, Kubernetes (PoC)
- **Languages:** Python, Bash, TypeScript / Next.js, C#, Java (Apache Beam), Go (side)
- **Observability:** Prometheus, Grafana, Zabbix, CloudWatch, JP1
- **Data:** RDS MySQL / PostgreSQL / Aurora, DocumentDB, Redis, Cloud Spanner / BigTable / BigQuery
- **Security:** DDoS mitigation including SYN-flood, WAF deployment, cryptographic protocol design (USPTO pending)
- **AI productivity:** Claude Code in production infrastructure ops (sandboxed IAM, read-only OS users, hooks, internal CLAUDE.md governance)

## PATENTS

---

U.S. patent application, 0-RTT VPN handshake design. Filed 2026-03. Sole inventor. Under examination.

## CERTIFICATIONS

---

AWS Certified Developer (Associate). AWS Cloud Practitioner. Google IT Automation with Python. Orchestrating the Cloud with Kubernetes (Coursera, AWS).

## LANGUAGES

---

Japanese (native). English (business; meetings, presentations, and written communication with teams in Australia, Vietnam, and the Philippines).

## EDUCATION

---

Tokai College of Architecture, Associate Degree in Interior Design. 2013-04 to 2015-03.