

# Resume

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## Basic Information

- **Name:** Yuta Hidaka
- **Role:** Full Stack Developer / Tech Lead / Backend Engineer
- **Location:** Shibuya, Tokyo
- **Date of Birth:** 1994-03-22
- **Social:**
  - GitHub: <https://github.com/yuta-hidaka>
  - LinkedIn: <https://www.linkedin.com/in/悠太-日高-2823a8195/>

## Summary

Full-stack/Backend engineer specializing in Go and TypeScript. Experienced in cloud/container infrastructure, event-driven architecture, and Scrum team development. Supporting high-traffic products in both BtoC and BtoB domains. After graduating from high school, I worked for six years in R&D at a chemical manufacturer while attending university part-time to earn a bachelor's degree in organic chemistry. In October 2018, I transitioned to a programming career.

## Experience

### **SUPER STUDIO / Backend Engineer (2025-07 - Present)**

#### **Big Data Group (Backend Team → xfunction Team)**

- Building and maintaining systems with Golang, Next.js, Kafka, Spark, ArgoCD, Kubernetes, and k9s
- Big data infrastructure, event-driven architecture, Kubernetes operations, Scrum development
- Involved in xfunction team launch
- Scrum event facilitation, promoting psychological safety through remote knowledge sharing and Drucker-style exercises
- Proactive communication with designers, cross-department/cross-team collaboration, lead role within xfunction team

**Tech Stack:** Go, Next.js, Kafka, Spark, Kubernetes, ArgoCD, k9s

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### **Monstarlab / Tech Lead, Full-Stack Engineer (2021-09 - 2025-06)**

#### **Okinawa Theme Park Web App Development (2025-01 - 2025-06) - Tech Lead / 5 members (50+ including PM/PMO)**

- Web app, native app, backend, and admin panel development for a theme park opening in 2025
- Led team through English communication with Vietnamese team, including onsite collaboration in Vietnam (business trip and stay); owned app/backend/infrastructure

- Joined with 1.5 weeks until web page release deadline; aligned with stakeholders in first 2 days and built IaC-based serverless infrastructure using SST and Pulumi
- Configured system to handle peak traffic exceeding 10,000 RPS, contributing to stable operations
- Built backend in microservices architecture handling 3,000 RPS at origin
- Constructed data analytics platform with Parquet format using Athena, Lambda, Glue, and Quick Suite (AWS), leveraging IaC and AI
- Rapidly delivered native app development, backend construction, and admin panel implementation
- Reduced infrastructure costs by 30% via serverless optimization; proposed AI integration (Devin) and IaC adoption
- Conducted mob programming sessions despite tight deadlines to actively share specifications and experience with team members

#### **Furusato Tax Points → Stock Exchange Service (2024-11 - 2025-01) - Software Engineer / 100 members**

- Assigned as software engineer to web app development for a service converting furusato tax points to stocks
- Microservices architecture with overall traffic exceeding 20,000 RPS; responsible area handled up to 1,500 RPS
- Implemented with Next.js 15 App Directory and GCP Cloud Run
- Frontend performance tuning including WebP/AVIF image optimization and lazy loading
- Caught up quickly in Agile development with PBI creation and release operations

#### **Corporate Website CMS Migration (2024-04 - 2024-11) - Tech Lead / 3 members**

- Participated as tech lead in corporate portal site CMS migration project
- Joined from proposal stage, selected architecture and services considering client pain points and company situation
- Reverse-engineered customized CMS and migrated to headless CMS entirely code-based
- Eliminated operational dependencies by implementing infrastructure as IaC
- Designed ISR-like architecture with Lambda + Astro JS, reducing CMS costs from ~200,000 JPY/month to 10,000-20,000 JPY/month
- Improved SEO performance while meeting client KPIs

#### **Corporate Website Update (2022-09 - 2023-10) - Software Engineer / 6 members**

- Rebuilt company inventory management web app, including DB design, direction, and collaboration with overseas team
- Handled infrastructure, backend, and frontend as full-stack engineer

**Tech Stack:** TypeScript, Next.js 15, React, Astro, Go, Vue (NUXT3), AWS, GCP, SST, Pulumi, Terraform, Cloud Run, Spanner, MySQL, Data Dog

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#### **KiteRa / Full-Stack Engineer (2021-05 - 2022-07)**

##### **SaaS Development for Labor and Social Security Attorneys - Software Engineer / 5 members**

- Developed new features for regulation management SaaS using Golang, Svelte, PostgreSQL, and AWS
- Led development of Japan's first electronic application feature for the 36 Agreement via e-Gov integration

- Joined during seed/early stage, developed necessary features as company grew from ~10 to 60-70 employees

**Tech Stack:** Go, Svelte, PostgreSQL, AWS, Python, Stripe

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### **Fignny / Software Engineer (2020-08 - 2021-04)**

#### **CRM Development - Coder / 25 members**

- New feature development and bug fixes for CRM service used by 1,600+ companies
- Deployed Python APIs on Lambda, providing all features via API
- DynamoDB query improvements, bug fixes, new feature development
- Improved onboarding documentation, reducing workload for senior engineers
- Resolved performance issues caused by DynamoDB data growth (150GB) through query optimization and index creation

#### **Web Scraping Project (2020-08 - 2020-09) - Coder / 2 members**

- Scraped all article data from a 2 billion PV/month summary site before service termination
- Reverse-engineered HTML structure, created scraping program with BeautifulSoup4
- High-speed processing with ThredPoolExecutor and Celery distributed/queue processing on AWS EC2/S3/Aurora
- Completed coding in 2 weeks and scraped nearly 1.5 million articles in 2 weeks (DB 60GB+, images 2TB+)
- Finished 2-month planned work in 2 weeks

**Tech Stack:** Python, Django, DynamoDB, AWS Lambda, Aurora, Celery

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### **Freelance (2020-07)**

#### **Time Management Software for Legal Professionals - Coder / 4 members**

- Feature additions to time and billing management system (Laravel)
  - Implemented CSV export for aggregated data, new features, and bug fixes
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### **SysNavi / Software Engineer (2018-12 - 2020-06)**

#### **Time Management Software for Legal Professionals (2019-06 - 2020-06) - Coder / 4 members**

- Developed time management system for 30-person law firm
- Participated from specification and DB design stage; introduced ticket-driven development by integrating Redmine and Backlog with GitLab
- PDF output function, Bootstrap mockup creation, docker-compose staging environment setup, requirements definition, client communication
- Laid groundwork for transforming SES-focused company into contract development company

#### **Audit Firm DB Integration Project (2019-02 - 2019-06) - Coder / 5 members**

- Managed various format data from Big 4 accounting firm in unified DB
- Data migration and analysis using Alteryx and SQL Server, data cleansing logic creation
- KPI and budget vs actual calculation, data visualization with Tableau

## **Other Projects**

- Chemical manufacturer back-office RPA automation (WinActor), proposed RPA framework concept
- Chemical manufacturer experimental data visualization web app (Django, TypeScript, Plotly.js)
- Plan vs actual management web app (C# .NET, Outlook API integration)

**Tech Stack:** PHP (Laravel), Alteryx, SQL Server, Python (Django), WinActor, C# .NET

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## **Independent Business Owner (2018-04 - 2018-09)**

### **Spanish Cured Ham Import Business**

- Investigated import business for Spanish cured ham
  - Obtained company information from Spanish Embassy, negotiated locally, visited farms, conducted test imports
  - Confirmed customs clearance, bacterial testing, logistics costs; conducted demand research (online reservation sales, crowdfunding, direct sales)
  - Determined reaching break-even point difficult with own capital and planned borrowing; discontinued business
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## **Sumitomo Chemical / R&D (2012-04 - 2018-03)**

### **Medical-Grade PP Material Development (2016-11 - 2018-03) - Grade 2 / 4 members**

- Medical-grade polypropylene material development
- Established composition for contact lens polymerization molds, developed materials for medical PP bottles
- Established UV-resistant grade composition

### **High Heat-Resistant PP Development (2015-06 - 2016-10) - Grade 1 / 30 members**

- Basic research for battery separator material development
- Explored PP-based separator film materials, structural analysis
- Material development focused on heat resistance, puncture strength, microporous uniformity, porosity

### **PP Film Material Development Support (2012-04 - 2015-05) - Grade 1 / 30 members**

- R&D support for polypropylene film
  - Support experiments for packaging materials and battery separator development
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## **Education**

**Tokyo University of Science, Department of Chemistry (Second Division) (2014-04 - 2018-03)**

- Earned bachelor's degree in organic chemistry while working full-time at Sumitomo Chemical
- Attended classes 6 days a week, completed assignments, reports, and experimental reports in parallel

## Certifications

- Oct 2011: Class 1 Water Quality Pollution Prevention Manager
- Aug 2011: Class A Hazardous Materials Handler
- Oct 2010: Second-Class Electrician
- Jul 2010: Boiler Operator (Type II)
- Jun 2010: Ordinary Driver's License

## Skills

- **Languages:** Japanese (Native), English (Conversational)
- **Backend:** Golang, Python (Django/DRF), PHP (CakePHP/Laravel)
- **Frontend:** JavaScript/TypeScript, Next.js, Svelte, React, SolidJS, Astro
- **Infrastructure:** AWS (Lambda/CloudFront/DynamoDB), Terraform, Pulumi, Docker, Linux, Kubernetes
- **Databases:** MySQL, PostgreSQL, MongoDB, DynamoDB
- **Other:** Kafka, Spark, ArgoCD, k9s

## Personal Strengths

### Initiative & Perseverance

Earned bachelor's degree from Tokyo University of Science while working full-time at Sumitomo Chemical. Maintained rigorous schedule of working 7:00-16:00, commuting 2 hours, attending classes 18:00-21:10, and completing assignments/reports for 4 years without repeating. Continuously learning new technologies while building own services, actively sharing work on VPS/AWS and publishing results at <https://yuta.dev>.

### Problem Recognition & Improvement Ability

Submitted nearly 24 improvement proposals annually at previous job. Proactively identified and improved buried problems in familiar environments. In system development, consistently execute from problem discovery to solution examination.

### Information Analysis Ability

Analyzed experimental data in R&D work, compared with predictions, conducted additional measurements and discussions to derive answers. Demonstrated ability to discuss given information with team and accurately understand meaning of data and results.

## Personal Projects (Selected)

- BikeHub (Django/DRF + React Native) <https://www.bikehub.app>
- docker-compose for Django with Gunicorn <https://github.com/yuta-hidaka/Docker-Django-MariaDB-Gunicorn>
- docker-compose for Django with nginx-unit <https://github.com/yuta-hidaka/Docker-Django-MariaDB-NginxUnit>

