



# Chie Hayashida

Solution Architect with extensive knowledge of **data engineering, ML pipelines** and **infrastructure engineering**. Designed and Developed **many types of systems** which includes both BtoB and BtoC systems in **10+ years** of experience. Combines **technical skills, creativity** and **leadership** to empower the business from an **engineering and business** point of view. Has excellent **presentation skills** and self-motivated enough to learn new technologies, **contribute to OSS** and **write technical articles**.

## 📁 Work experience

02/2021 - PRESENT TOKYO, JAPAN

### Data Analytics Specialist Amazon

- As a datalake services(Glue/LF/EMR/Athena) **tech lead in APJ**, drove communication between sales and development teams and executed multiple initiatives
- **Devised and executed sales plans** from market trends, customer financials, product usage and organizational structure for mainly Digital Native customers and engaged in multiple opportunity with **multi-million dollar ARR**
- Continuous Engagement pushes one Japanese customer's Athena Usage to **#1 in the World**
- In an opportunity with several hundred million dollars of ARR, developed relationship with Customer by **collaborated with internal/external C-suite** and **demonstrated high quality of support** by performing more than 20 times better than competing products with exceptional engineering skills at PoC.
- **First AWS member from Japan** to speak at **re:Invent breakout session**
- Had **technically dive deep sessions** for analytics products internally and externally **in English and Japanese**
- Executed Hiring and mentoring activities
- Got **Annual SA Award in Worldwide organization** as only one member from Japan (There are 500+ members in AWSJ).

12/2019 - 01/2021 TOKYO, JAPAN

### Strategic Cloud Engineer(Data & Analytics) Google

- \* Leads and consult on **data migration** from on-premises and AWS to GCP, **DWH development, MLOps** and **NoSQL** projects.
- \* Developed **Dataflow and Apache beam** features.
- \* Creates some external and internal assets such as **GCP blogs** and **guidelines**.

## 📁 Work experience

- \* **Gives feedback and discusses** about customer requests with the product team.
- \* Created an internal tool for GCP capacity planning for customer usage with **Python and Golang**

11/2017 - 11/2020 TOKYO

### Software Engineer Cookpad.Inc

- Leads the development of **search** and **recommendation** for Cookpad itself and new businesses in all processes of designing and evaluating KPI, make and managing strategic plans, implementation, in terms of **NLP** and **machine learning**.
- Develops tools to simplify **machine learning deployment** and **maintenance**.
- Builds **AutoML** function using table data for recipe data normalization.
- Makes **technical presentations** at several conferences and **write technical articles** for recruitment and awareness improvement.

12/2018 - 01/2019 TOKYO

### Freelance Engineer Ubie.Inc

- Built **ChatOps** System for **Kubernetes** deployment with **Golang**.

03/2017 - 10/2017 TOKYO

### Data Engineer Retty.Inc

- **Launched and led the data engineering team** and solved problems of current DWH.
- Built the basis of data utilization environment using **Apache Spark, BigQuery, fluentd, kinesis, Airflow** and **embulk** in a short period of time.
- Led infrastructure configuration management in AWS and GCP environments using **Terraform** and **Ansible**.

## Work experience

04/2010 - 04/2017 TOKYO

### Software Engineer NTT Data Corporation

- Designed and developed **data processing and recommender algorithms** for the TV program recommendation system using Hadoop and Spark (global system, 4000+ nodes).
- Conducted PoC of **data processing for exhaustion prediction of car parts** using sensor data.
- Contributed to **Apache Hadoop, Apache Spark, Apache Airflow**, and so on
- Designed and implemented **data transfer, backup and recovery** procedures with a **performance-oriented approach**, in the BCP project of a **huge and demanding** mobile fee system.
- Took charge of everything **from network, OS to middleware design** for system development in the US of a Japanese company.
- Performed **root cause analysis** in response to a technical troubleshooting request for **Hadoop** and **Spark** from a customer with a support contract.
- Did troubleshooting about **Oracle Database** in several projects.
- **Educated** and mentored several engineers.

## Education

04/2008 - 03/2010 NARA, JAPAN

### MSc Engineering Nara Institute of Science and Technology

- Master thesis described Linear transformation approaches to many-to-one **voice conversion**.
- We made **8+ presentations** at domestic conferences and study groups.

04/2004 - 03/2008 OSAKA, JAPAN

### BSc Engineering Osaka University

- Learned about programming basics(C and C++), biotechnology, mathematical analysis, linear algebra, statistics, and mechanical engineering.
- Bachelor thesis described Measurement method of receptive field characteristics of primary visual cortex.

## Languages

 100% Japanese

 50% English

## Certificates

03/2021

### AWS Certified Data Analytics AWS

12/2020

### Google Cloud Professional Data Engineer Google

04/2012

### Database Specialist IPA

Japanese IT Security Evaluation and Certification Scheme

10/2012

### Network Specialist IPA

Japanese IT Security Evaluation and Certification Scheme

04/2011

### Applied Information Technology Engineer IPA

Japanese IT Security Evaluation and Certification Scheme

## Achievements

- Won **1st prize** in micro service tuning contest at **AWS re:Invent2018 GameDay**.
- Won 18th prize (**Top 1%**) in one week challenge at **Kaggle PetFinder** competition.
- A contributor and reviewer of **TensorFlow document translation and ci tools of it**.
- Develop and contributes some OSS includes **TensorFlow, Apache Spark** and so on.
- **An organizer of datatech-jp(800+ members)** and several communities and meetups in Tokyo.
- Performed speeches at PyConJP, PyData London, Docker Meetup and so on.
- Writing technical articles in Gihyo Magazines.