

Yu Otsubo

Fullcycle and Public Cloud Tech Lead

Tokyo, Tokyo JA

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I'm a Software and Infrastructure developer with over 8+ years, and I've been leading some engineering teams in recent years.

Expert at AWS by using Server-less architecture.

Also a master of Server-side API and Batch with Python.

Additionally, experienced data science with Python and AWS.

I have lectured at AWS Summit Tokyo 19 with company booth.

I have AWS Certified Solution Architect – Professional.

SKILLS

AWS

Master

ec2 lambda ecs dynamodb
sqs cloudwatch athena s3
glue elasticbeanstalk
terraform packer

OS/Network/Security

Master

macos centos debian(ubuntu)
openvpn tcp/udp kvm
hyper-v docker nmap
wireshark burp

Database

Advanced

sql mysql rds(aurora)
oracle 11g presto with hadoop
hive with hadoop

Server-side Develop

Advanced

django(python) flask(python)
responder(python)
springboot(java) echo(go)

Automated Test

Advanced

pytest jest selenium

CI/CD

Advanced

jenkins circleci drone
azure develop pipeline travis
appveyor github actions

Business Intelligence

Advanced

tableau quicksight
elasticsearch with kibana
dash by plotlyjs

Web Develop

Intermediate

vue.js with typescript, vuex
bootstrap4 gatsby.js jquery

Data Science

Intermediate

jupyter notebook pandas
scikit learn r keras

Native App Develop

Beginner

flutter android java(wearos)

WORK EXPERIENCE (8)

DevOps developer at KDDI April 2016- March 2017

<https://www.kddi.com/>

Developing and operating some location-based services by using on-premise servers.

Also develop integrated monitoring systems such as Zabbix.

- Started the company
- Integrate monitoring and operation system using by Zabbix and Expect

Project Manager at KDDI **April 2017- September 2017**

<https://www.kddi.com/>

I had many experiences such as project management, team building, and handling big data. Our team created the analytics operation system with Splunk and Hadoop(MapR) Used for the company's internal log.

- Project management
- Team building
- Use Splunk
- Hadoop(MapR)

DevOps developer at KDDI **October 2017- March 2019**

<https://www.kddi.com/>

Developing and Operating Web-based Chatbot services by using AWS and Python, Node.js.

The architecture is applied by AWS management services such as ECS with Docker, DynamoDB, Lambda, and S3.

Also, creating CI/CD pipelines using by Drone and automation tests using by Pytest.

- First experience using AWS
- First experience using Python and Node.js
- Server-less architecture
- Scrum development

Data Engineering developer at KDDI **April 2019- Current**

<https://www.kddi.com/>

Developing data analysis infrastructure using AWS because of analysis of the Chat-bot's conversations.

The architecture is followed by Data-lake architecture.

- Data-lake Architecture using AWS
- Server-less with Lambda Python
- Pandas
- Scrum development

Tech Lead at KDDI **April 2019- July 2021**

<https://www.kddi.com/>

Senior engineer and AWS tech Lead of developing Web-based and Native App Chat-bot services by using AWS and Python, Node.js.

The number of Team member is over 8-10, experienced only make architect, developing but also team management, solving difficult issues, and negotiating quite a few stakeholders.

- My first experience of tech lead
- The Architecture introduced at the AWS Summit
- Scrum development

Development Group Leader at EventHub **August 2021- January 2024**

<https://eventhub.jp/>

Application engineer of developing Web-based event matching platform by using AWS, Nest.js + React with TypeScript.

- Engaged in the full cycle of planning, requirement definition, development, QA, and operation as a full cycle engineer.
- Formulate and execute missions and projects for the Product Infrastructure team as Development Manager.
- Engaged in the development of a pseudo-live function for live delivery of pre-recorded videos as a video delivery platform/API infrastructure for external collaboration.

SRE Engineer at Michibiku **September 2022- Current**

<https://michibiku.co.jp/>

As an SRE Engineer, improved continuous development processes using CDK, GitHub Actions, and Autify.

- Joined as SRE engineer to build and improve CI/CD pipeline/infrastructure (AWS).
- Migration of services built on EC2 to ECS/Fargate while building Blue/Green deployment mechanism.
- Expansion of automated testing using Autify and development of execution pipeline to improve efficiency of QA operations.

Data Engineer at KDDI Agile Development Center **February 2024- Current**

<https://kddi-agile.com/>

Developing Data Clean Room with Snowflake and AWS.

PROJECTS (2)

The chat-bot service for customer support(Web) March 2016- September 2018

aws python elasticsearch

- A chat-bot in Web page
- Hybrid arch with chat-bot and human operators
- Use Elasticsearch for FAQ search engine

The chatbot service for customer support(Native Apps) October 2018- Current

aws node.js python

- A chatbot in Native App
- Hybrid arch with chatbot and human operators

- Featured at AWS Summit Tokyo

EDUCATION (3)

Bachelor Department of education at Waseda University

2012 - 2016

social education educational psychology education within enterprise

Grade: 3.4

Sub-major Software engineering (Sub-major) at Waseda University

2012 - 2016

javascript c++ ruby visualbasic java unix/linux uml/design pattern
multimedia(adobe photoshop/aftereffects/premier)

Sub-major Data analysis (Sub-major) at Waseda University

2012 - 2016

database(mysql, oracle) r multivariate analysis social statistics

AWARDS

Award of technology quality improvement annually at KDDI

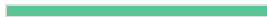
2019

Stable and flexible system design utilizing AWS and successfully responded to large-scale traffic without problems.

LANGUAGES

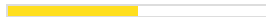
Japanese

Native Speaker



English

Intermediate



INTERESTS

Photograph

take photos in metropolis night view

take photos in nature

Music

original music

Sports

watching baseball

playing table-tennis