

# Yu Otsubo

## Server-side and Public Cloud Tech Lead

Tokyo, Tokyo JA

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I'm a Software and Infrastructure developer with over 4+ 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 plotlys

#### 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 (6)

#### 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

## **Developer** at EventHub **August 2021- Current**

<https://eventhub.jp/>

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

- My first authentic full stack developing.

## **PROJECTS (2)**

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### **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)**

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### **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**

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### **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

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Japanese

*Native Speaker*



English

*Intermediate*



INTERESTS

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Photograph

take photos in metropolis night view

take photos in nature

Music

original music

Sports

watching baseball

playing table-tennis