

# 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 (5)

**DevOps developer** at Telecommunications **April 2016- March 2017**

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 Telecommunications **April 2017- September 2017**

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 Telecommunications **October 2017- March 2019**

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 Telecommunications **April 2019- Current**

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 Telecommunications **April 2019- Current**

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

## 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 Company 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

