

# Yu Otsubo

## Server-side and Public Cloud Tech Lead

Tokyo, Tokyo JA

<https://blog.tubone-project24.xyz> [tubo.yyyuuu@gmail.com](mailto:tubo.yyyuuu@gmail.com)  
[meitante1conan](#) [tubone24](#) [tubone24](#) [user-453736300](#) [yu.otsubo](#)  
[tubone24](#)



I'm a Software Engineer with over 4+ years and latest trying to tech lead with engineering teams.  
Expert at AWS by using Server-less architecture.  
Also 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.  
Have a AWS Certified Solution Architect – Professional.

### SKILLS

#### AWS

Master

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

#### Server-side Develop

Advanced

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

#### Business Intelligence

Advanced

tableau | quicksight |  
elasticsearch with kibana |  
dash by plotlyjs

#### Native App Develop

Beginner

flutter | android java(wearos)

#### OS/Network/Security

Master

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

#### Automated Test

Advanced

pytest | jest | selenium

#### Web Develop

Intermediate

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

#### Database

Advanced

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

#### CI/CD

Advanced

jenkins | circleci | drone |  
azure develop pipeline | travis |  
appveyor | github actions

#### Data Science

Intermediate

jupyter notebook | pandas | scikit learn |  
r | keras

### WORK EXPERIENCE

#### DevOps Engineer at Telecommunications April 2016- March 2017

Develop and Operate some location-based services by using on-premise servers and Java.  
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 have experience in project management. The team created the operation system with Splunk and Hadoop(MapR) and Used for company internal log analysis.

- Project management
- Use splunk
- Hadoop(MapR)

#### DevOps Engineer at Telecommunications October 2017- March 2019

Develop and Operate Web based Chat-bot services by using AWS and Python, Node.js.  
The architecture is applied by ECS Docker, DynamoDB and Lambda.

Also, create CI/CD pipelines using by Drone and automation tests using by pytest.

- Using my first AWS
- Using my first Python
- Server-less architecture
- Scrum development

### **Data Engineer** at Telecommunications **April 2019- Current**

Develop Data analysis infrastructure using by AWS because of analysis Chat-bot conversations. The architecture is consulted by Data-lake architecture.

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

### **Tech Lead** at Telecommunications **April 2019- Current**

Senior Engineer and AWS tech Lead of developping 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, developping but also team management, solving difficult issues, and negotiate stakeholders.

- The Architecture introduced at the AWS Summit
- Scrum development

## **PROJECTS**

### **The chatbot service for customer support(Web) March 2016- September 2018**

**Skills acquired:** [aws](#) | [python](#) | [elasticsearch](#)

- A chatbot in Webpage
- Hybrid arch with chatbot and human operators
- Use Elasticsearch for FAQ search engine

## **EDUCATION**

### **Bachelor Department of education** at Waseda University **2012 - 2016**

**Major courses:** [social education](#) | [educational psychology](#) | [education within enterprise](#)

**Grade:** 3.4

### **Sub-major Software engineering (Sub-major)** at Waseda University **2012 - 2016**

**Major courses:** [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**

**Major courses:** [database\(mysql, oracle\)](#) | [r](#) | [multivariate analysis](#) | [social statistics](#)

## **AWARDS**

### **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**

Japanese  
Native Speaker

English  
Intermediate

INTERESTS

Photograph

Skills acquired:  
take photos in metropolis night view |  
take photos in nature

Music

Skills acquired: original music

Sports

Skills acquired: watching baseball |  
playing table-tennis