

Yu Otsubo

Server-side and Public Cloud Tech Lead

Tokyo, Tokyo JA

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I'm a Software developer with over 4+ years and latest trying to tech lead with developer 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 developer 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 developer 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 Engineering developer 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 nagosiate 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

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

Skills acquired: [aws](#) | [node.js](#) | [python](#)

- A chatbot in Native App
- Hybrid arch with chatbot and human operators
- Featured at AWS Summit Tokyo

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