

Yu Otsubo

Server-side and Public Cloud Tech Lead

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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

Automated Test

Advanced

pytest | jest | selenium

Web Develop

Intermediate

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

OS/Network/Security

Master

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

CI/CD

Advanced

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

Data Science

Intermediate

jupyter notebook | pandas | scikit learn |
r | keras

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)

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

DevOps Engineer at Telecommunications April 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 Python
- Server-less architecture

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

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.

PROJECTS

Ebook Homebrew March 2016- Current

<https://ebook-homebrew.readthedocs.io/en/latest/index.html>

Skills acquired: ebook | python | open api

- Awesome REST API with Open API
- Rename file to only digit name
- Convert Image to PDF
- Make Zip

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