Yuto Takamoto

Software Engineer

An engineer with industry experience in web and cloud technologies, CICD pipelines, and systems administration and automation. I have a healthy interest in new and exciting technologies, a love for teaching others, and a drive for making an impact wherever I go.

✉ yuto@takamo.to

📱 2016753392

📍 Fairfax, VA

🌐 yuto.takamo.to

in linkedin.com/in/ytakamoto

○ github.com/remiscarlet

TECHNOLOGIES

GCP   Git/Github

Terraform   Docker

Chef   ELK   Vue

LANGUAGES

Python
● ● ● ● ●

PHP
● ● ● ● ○

Javascript/Typescript
● ● ● ● ○

CSS/SCSS
● ● ● ○ ○

SQL
● ● ● ○ ○

Bash
● ● ● ○ ○

English
● ● ● ● ●

Japanese
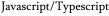● ● ● ● ○

WORK EXPERIENCE

Sr. Software Engineer
Etsy Inc.

10/2019 - 04/2021   *Brooklyn, NY*

Responsibilities/Accomplishments

□ Helped set long-term architecture goals and design decisions as the team grew from three to seven engineers during my time as a Sr. SWE.

□ Gracefully took ownership of one of the most critical financial auditing systems and business processes when the original sole maintainer unexpectedly left the company. This system audits all financial records that are rolled up into publicly reported figures, processing tens of terabytes of data per day.

□ Contributed a significant amount of work documenting, refactoring, and automating aforementioned system due to its previously poorly maintained state and conducted long-term knowledge transfer and training to reduce SPoF risk. Considerable automation was created on part of the previously manually performed business processes.

Software Engineer
Etsy Inc.

06/2017 - 10/2019   *Brooklyn, NY*

Responsibilities/Accomplishments

□ Worked on the Compliance Engineering team to engineer and maintain systems and tools to enforce SOX Compliance.

□ Trained and mentored a junior engineer from a non-programming background by building out a lightweight curriculum and spent significant time both on and off hours to help get them up to speed.

□ Developed a slew of new internal tools, dashboards, and web interfaces to automate a large number of previously manually performed analyst tasks.

□ Built an automated heuristics-based commit flagging algorithm and its associated infrastructure to flag potentially financially material code to be scrutinized under extra business processes.

□ Further, also developed an integrated webapp survey system for the above tool to replace what was originally a multi-thousand line excel spreadsheet that was manually generated and emailed to engineers en masse. Survey system accounted for complex compliance requirements in flow and usage cases and was regularly updated with new features as per analyst requests.

PERSONAL PROJECTS/VOLUNTEER WORK

Yukkuricraft, Founder (11/2012 - Present)

□ Online gaming community hosted using a combination of AWS, GCP, and a self-hosted server to manage various server, networking, data storage, and monitoring needs. Responsibilities include both soft and hard skills ranging from community management and relations to working with and managing a small team of engineers for internal tools, features, and infrastructure.

Japan Center of New Jersey, Systems Administrator (06/2015 - Present)

□ Volunteer administration and management of LEMP stack with Django on Amazon technologies to manage local Japanese community center's online infrastructure by creating and managing mail, membership, class, web and payment systems.

Amat.su/kaze (12/2015 - Present)

□ A fun url shortener website built using Py/Django, Docker, GCP, and full CICD automation with Github. Includes Chrome and Firefox extensions.

EDUCATION

School of Computer Science
Carnegie Mellon University

2013 - 2017