

# HIROAKI YAMAMOTO

Software Engineer

## PERSONAL PROFILE:

To make the world the best place, you need a good team. To make your team good, you need a good person. I have solid coding / software engineering skills with a lot of passions of computer science.

## PROFESSIONAL SKILLS:

- Coding skills in various languages
- Software Engineering

## CONTACT DETAILS:

🏠 [hysoftware.net](https://hysoftware.net)  
🌐 @hyamatan  
📧 @hiroaki-yamamoto

## WORK HISTORY:

### SOFTWARE ENGINEER

*Freelance (i.e. Sole proprietorship named "hysoft")*  
August 2013 - Jan 2019

- Worked as a freelance software engineer
- There's detail for my portfolio on the other page.

### OPEN-SOURCE SOFTWARE ENGINEER

2005 - present

- Code as my sample code & for education
- I'm always taking care of test coverage, complexity, and maintainability
- OSS = Proof that I have a skill of using git & \*nix

## EDUCATION BACKGROUND:

### KYOTO INSTITUTE OF TECHNOLOGY (2012-2017)

*University for Artists, Designers, Engineers, and Scientists*

Graduated

Major: Information Engineering (aka. Computer Science)

Thesis: Software Engineering

### OSAKA INSTITUTE OF TECHNOLOGY (2010-2012)

*University for Engineers*

Dropped out due to transfer to Kyoto Institute of Tech

Major: Information Science

## CORE SKILLS:

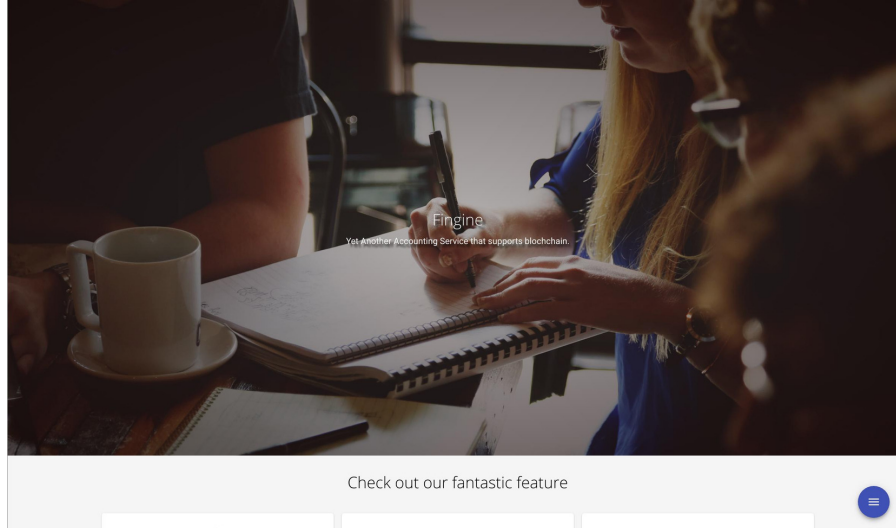
- Coding Skills in various coding languages (Mainly, Python)
- IaC (e.g. Docker)
- Software Engineering Skills
- Speaking in Japanese (Is this rare?)

## ACHIEVEMENTS:

- Reported at least 3 XSS Vulnerabilities to Forkwell

# Hiroaki Yamamoto

## Portfolio of My Work



### [Working Title] Fingine (2016-present)

I'm coding a cloud-based accounting service for my life-work. It will provide a standard accounting platform, aimed at security and privacy.

Scale / Budget: The member is only me and no budget!

#### Backend Coding Languages & Frameworks

- Coding Language: Python
- Web Framework: Django + Graphene (Python binding of graphql server framework)
- Task Queue: Celery with MessagePack + Redis
- Task Broker: Redis
- DB: Postgres
- Env: Docker (will be server-less for production)

#### Frontend Coding Languages & Frameworks

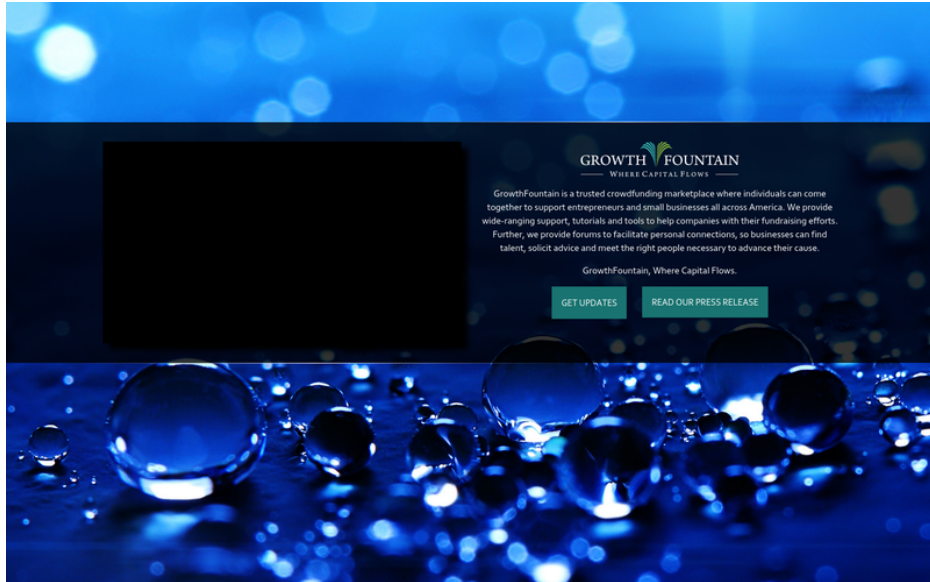
- Coding Language: Coffeescript -> ES6 -> Typescript
- Framework: Angular 1 -> Angular 7

#### My Responsibilities

- Market research
- Design (Frontend & Backend)
- Coding (Frontend & Backend)
- Testing

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## Portfolio of My Work



### Growth Fountain (2014-2016)

Growth Fountain is a crowd funding platform in New York City. My responsibility was to code core program.

#### Scale / Budget:

- Budget: Undisclosed
- C-Level: 3 people
- Manager: 1 person
- Designer: 1 person
- Software Engineer: 3-5 people, including me.

#### Backend Coding Languages & Frameworks

- Coding Language: Python
- Web Framework: Flask
- Task Queue: Celery with MessagePack + RabbitMQ
- Task Broker: RabbitMQ (Dev), AWS SQS (Prod)
- DB: MongoDB

#### Frontend Coding Languages & Frameworks

- Coding Language: Javascript & Coffeescript
- Framework: Angular 1

#### My responsibilities

- Coding (Backend & Frontend)
- Ops
- Offered some suggestions to improve the platform