

Yoichiro Hibara

Enjoy Life With Engineering!!



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Summary

More than two years of experience of architecting, implementing, and launching software products. Skilled in agile processes, backend, frontend, mobile, cloud and embedded system development, programming. Besides technical skills, I am also interested in managing people and projects, as I run my own company. Well suited for tackling challenges with technology and teammates!!

Skills

Programming Languages

5

- Python
- C/C++
- HTML/CSS
- JavaScript/TypeScript
- Go

Frameworks

8

- Django
- Flask
- FastAPI
- ROS 2
- TailwindCSS
- React/Next.js
- React Native/expo
- echo

Databases

4

- Postgres
- MySQL
- Firebase
- PlanetScale

Others

9

- Git/GitHub/GitHubActions
- Docker
- Figma
- ChatGPT
- AWS
- GCP
- Terraform

Portfolio

- GitHub: <https://github.com/Hibagon1go>
- AtCoder (Competitive Programming) : <https://atcoder.jp/users/Hibagon>
- OSS Contribution
 - <https://github.com/mROS-base/mros2>
 - <https://github.com/chromium/chromium>
 - My CLs [here](#)
 - Design Docs [here](#) & [here](#)
- Products : <https://kate-app.com/> (iOS/Android App)
- Tech Blog: <https://django.baby/>
- My Company (YEConnect, Inc.) : <https://ye-connect.com/>

Work Experience

2021 May - Present

Chief Technology Officer

YEConnect, Inc.

- Develop 「カテアプリ」 (iOS/Android app (→<https://kate-app.com/>))
 - React Native + expo, Firebase, Django+DRF in agile process.
 - Build our infrastructure on AWS.
 - IAM, S3, ElasticBeanStalk, Fargate, RDS, ALB, Lambda, SQS, Route53, etc.
 - Manage with Terraform
 - Utilize marketing tools such as Google Search Console, Google Analytics, etc.
 - Now refactoring project is under way.
- Write Tech Blog focused on Django (→<https://django.baby/>).
- Contract-based Software Development
 - Two projects have been completed so far and one project is ongoing.
- Run a program to train university students interested in becoming Web engineers so that they can develop their skills. (for 2022 summer & autumn program, see → <https://ye-connect.com/recruit>)

2022 Oct - Present

Chromium Contribute

- Keep making contributions to Chromium after my internship
 - Polish the feature to show why Chrome uses a specific transport protocol for HTTP semantics in the DevTools

2022 Apr - 2023 Mar

Backend Engineer & Cloud Architect @TechMagic

TechMagic

- Chromium Code Search
- Gerrit
- EIKEN: Grade Pre-1
- TOEFL iBT: 84

- TechMagic's website is [here](#)
- Develop RESTful API with Django+DRF
 - payment API (try/confirm/cancel)
 - create code rules of beautiful OpenAPI schema automatically
 - collaborate with hardware(robot) team (REST/WebSocket)
- Establish cloud environment with AWS under management of Terraform
 - VPC, ECS(Fargate)/ECR, RDS, ALB, etc.
 - Set up CI/CD of cloud environment with GitHub Actions

2022 July 25th - 2022 Sep 30th

Google SWE Internship

Google Japan

- Chrome Web Networking Team
- Feature Implementation
 - DNS lookup feature on chrome://net-internals page. (→Design Docs [here](#))
 - Show why Chrome uses a specific transport protocol for HTTP semantics in the DevTools. (→Design Docs [here](#))

2021 Oct - 2022 Mar

Member of mROS 2 project

- **mROS 2** realizes an agent-less and lightweight runtime environment compatible with ROS 2 for embedded devices.
- My contribution enables **mROS 2** to publish/subscribe any type of messages (including user-defined type in ROS 2).

Education

2022 April - 2024 March (anticipated)

Master of Information Science and Technology

The University of Tokyo

Research Topic : to explore how tactile perception affects brain wave

2018 April - 2022 March

Bachelor of Engineering

The University of Tokyo

Research Topic : to enable **mROS 2** to publish/subscribe any type of messages