Yoichiro Hibara

Enjoy Life With Engineering!!

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Summary

More than three 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

- AWS (certified in SAA)
- Git/GitHub/GitHubActions
- grpc/microservices
- Docker
- Google Cloud
- Terraform
- octocov
- Chromium Code Search
- Gerrit
- Figma
- ChatGPT
- EIKEN: Grade Pre-1
- TOEFL iBT: 84

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/
- Certification: AWS SAA

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.
  - Refactoring project is ongoing now.
- Write Tech Blog focused on Django (→https://django.baby/).
- 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)
- Contract-based Software Development
  - Two projects have been completed so far. (One is here ↓)
    - https://chachat-bihada.com/ (for mobile site)

2024 Apr - Present

Software Engineer @ Merpay (Mercari Group)   Merpay, Inc. (Mercari Group)

- Backend engineer

2023 Aug - 2023 Oct

Merpay (Mercari Group) SWE Internship   Merpay, Inc. (Mercari Group)

- Backend engineer at credit card team
- Tech Stack
  - Go/grpc/microservices
  - Google Cloud: Spanner/CloudTasks
  - datadog/k8s/spinnaker

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- Introduce FIDO into a certain screen
  - Improve convenience & security
- Set up card application through CloudTasks
  - Succeeded in controlling external traffic so as not to exceed a certain amount
- Improvement of daily tasks
  - batch jobs/cron jobs
  - notification rules of datadog
  - introduce octocov

2022 Oct - 2023 Jan

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 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)

2022 Apr - 2023 Mar

Backend Engineer & Cloud Architect @TechMagic   TechMagic, Inc.

- 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

2021 Oct - 2022 Mar

Member of mROS 2 project   The University of Tokyo

- 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 (→ haptics × brain)

2018 April - 2022 March

Bachelor of Engineering   The University of Tokyo

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