Ze-Hao Wang's portfolio

GitHub https://github.com/wazho

Personal Site https://salmon.tw/

Works

中央研究院資訊科學研究所
SINCE 1982
Institute of Information Science, Academia Sinica
INNOVUE
新穎數位文創股份有限公司
奔騰網路科技
PENTIUM

RESTful API design

- Using **Node.js**, and **express**
- Database: **MySQL**
- Using *async* to handle callbacks

Full Stack

- Semantic-UI framework with jQuery
- HTML rendered by Jade (a.k.a pug)

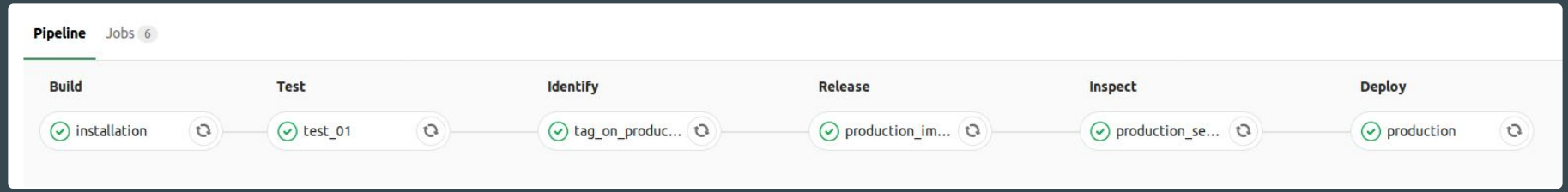
Realtime notifications

Third-party billing

- Earn points & exchange reward

https://bountyworkers.net/

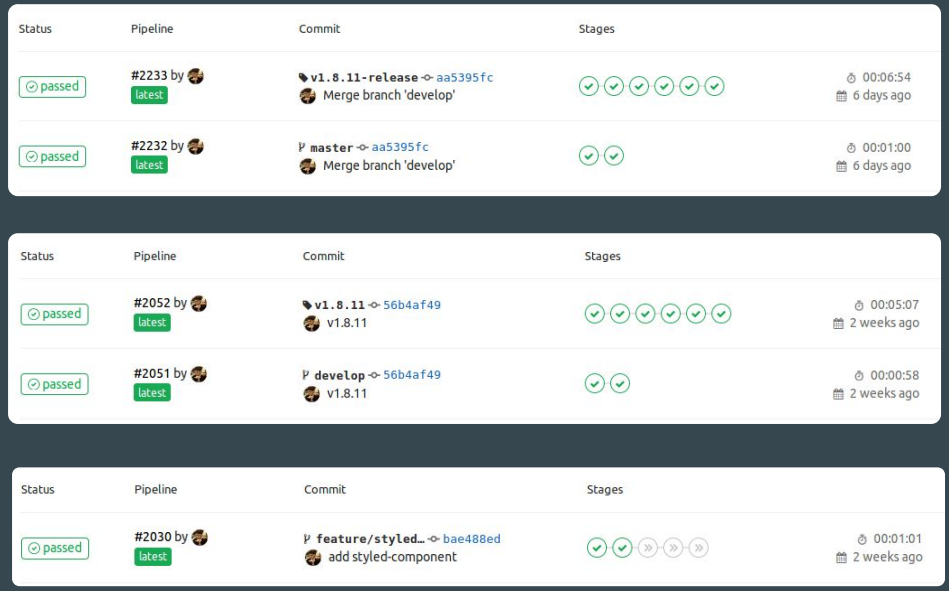
[WORK @ MMNET] Bounty Workers



PROD

BETA

ALPHA

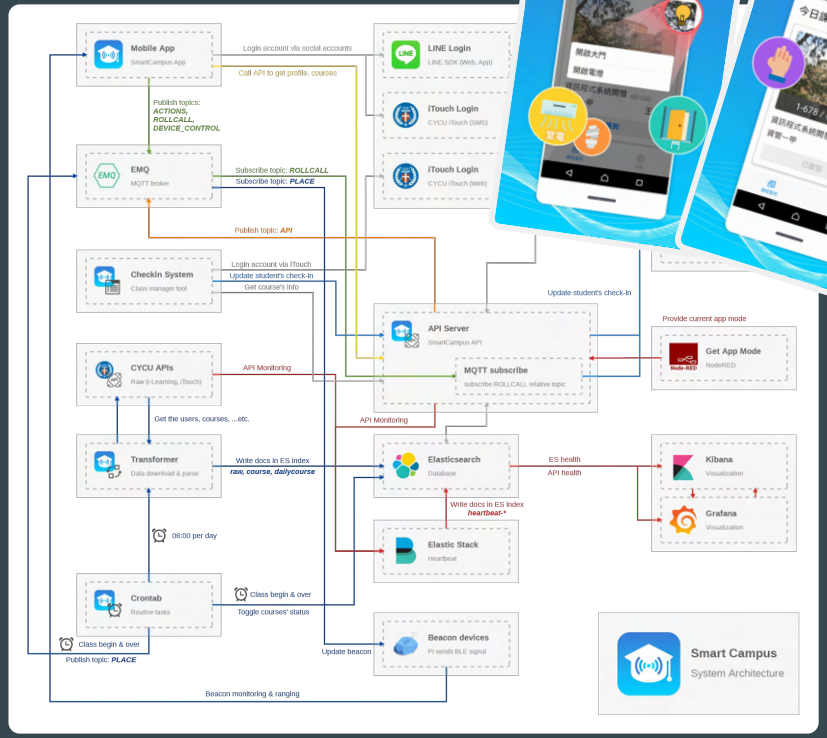


Define stages

- Team culture combines partial of Gitflow

Convention

- Tag patterns trigger different pipeline



[WORK @ InnoVue] Smart Campus

Build microservice architecture

RESTful API design

- Using **Node.js**, **TypeScript** and **koa**
- Database: **Elasticsearch** & **MySQL**
- OpenAPI Specification (Swagger)

Full Stack

- Using **React**, **Redux**, **webpack** and **React Native**

Testing

- Unit testing: **Jest**
- E2E testing: **Dredd**

Deployment

- Docker container with Rancher
- GitLab CI/CD Pipeline

Monitoring

- Kibana + Grafana
- Node-RED sends notifications

RESTful API design

- Using **Node.js**, **TypeScript**
- Database: **Neo4j, Elasticsearch**
- OpenAPI Specification (Swagger)

Refactoring

- Migrate platform from JS to TS

Testing

- Unit / E2E testing: **Jest**

Deployment

- K8s cluster management
- Deploy app by Jenkins

Debugging

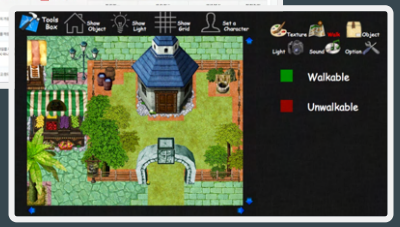
- Import VSCode debugging tool

[WORK @ Pentium Network] MARVIN

Side Projects

Tree of Savior Chinese Translation Voting

wazho/...-Translation-Voting

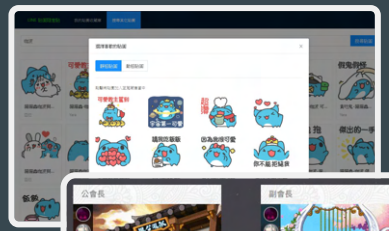


Stardust Script

wazho/Stardust-Script

ns-joycon
1,000+ downloads
Apr. 2019

Assistant Chatbot
4,600+ followers
Feb. 2021



LINE Sticker Clipboard

wazho/line-sticker-clipboard-web

Guild Manager

wazho/guild-manager

PokeMentor
3,000 downloads
Dec. 2019

Bridge between Joy-Con and Node.js

```
npm install ns-joycon
```

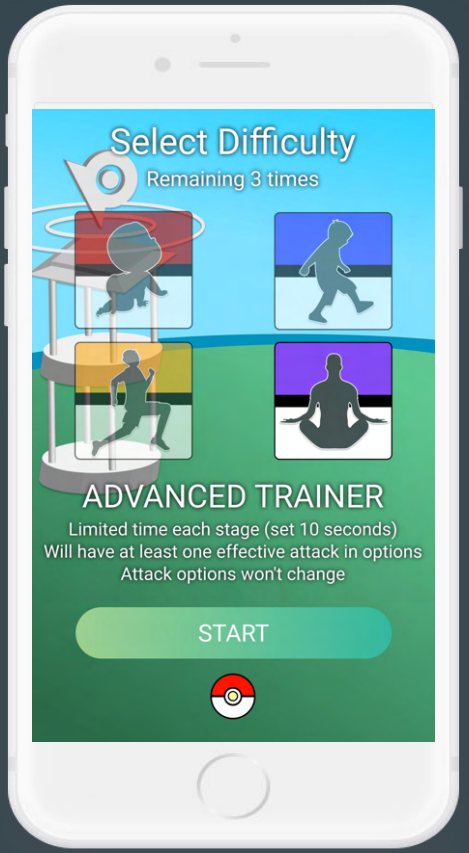
ns-joycon controls buffer stream by HID, and extracts the data from accelerometer, gyroscope and HD Rumble.

Total downloads: 1,000+

https://github.com/wazho/ns-joycon

Node.js TypeScript ES6

[SIDE PROJECT] ns-joycon



with

PokeMentor = Pokemon + Mentor

A tool for *Pokemon GO* players makes whom more familiar on type weakness.

Total downloads: 3,000+

https://poke-mentor.salmon.tw/

: https://youtu.be/dW4vStLfu-k

TypeScript | React Native

[SIDE PROJECT] Pokémon GO: PokeMentor

免費無廣告

遊戲資訊實時同步

免下載安裝

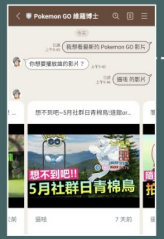
正體中文遊戲資料

Pokemon GO 維羅博士

非官方 LINE 機器人 (ID: @611mscwy)

近期活動

轉發寶友整理的活動資訊



最新影片

受歡迎的中文寶可夢頻道

官方消息

提供官方網站上的最新消息

團體戰

各星數團體戰頭目資訊

田野調查課題

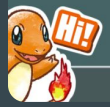
各類型課題可獲得的寶可夢資訊

火箭隊陣容

火箭隊手下、幹部攜帶的對戰陣容

蛋池

各里程蛋可孵化的寶可夢



※ 維羅博士為**自動回覆機器人**，並不會向訓練家們索取任何資訊　※ 維羅博士串接國內外資訊，來源有 Leek Duck、The Silph Road 與 Professor Jiang ... 等　※ 圖片版權為 Niantic, Inc. 與 Nintendo 擁有

LINE Chatbot

6,500+ followers

Since Feb. 2021

https://github.com/pmgo-professor-willow

Golang　Node.js

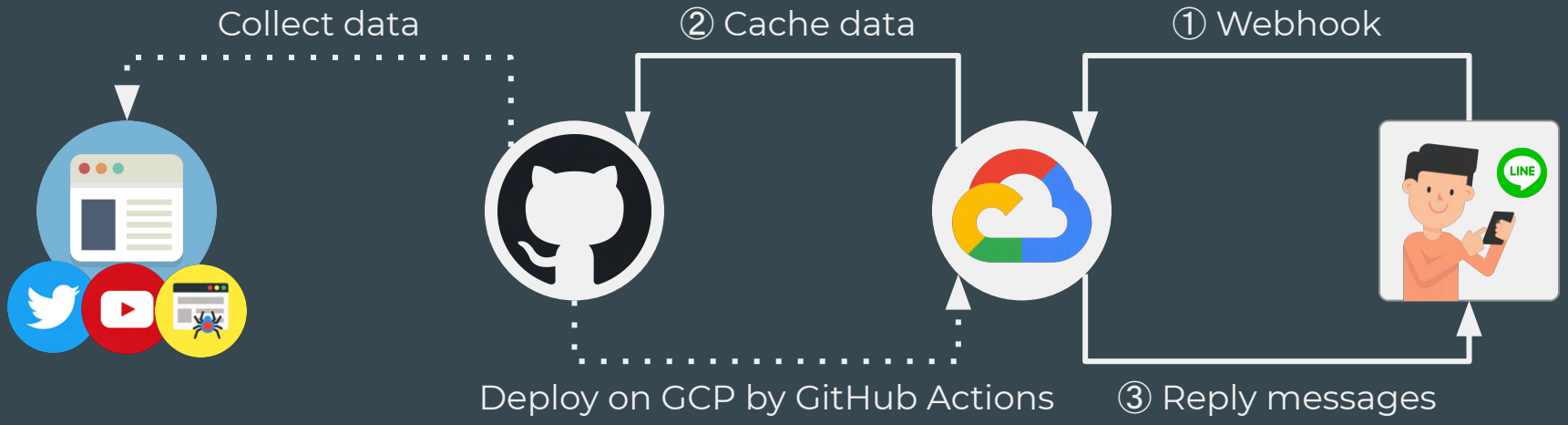
[SIDE PROJECT] Pokémon GO: Assistant Chatbot

Automatic data collection

- Collect data by Twitter, YouTube API and web crawler in **Node.js**, **TypeScript**
- Export artifacts on GitHub Pages by GitHub Actions

LINE Chatbot

- Using **Golang** with LINE Messaging API
- Develop in GCP cloud functions
- Cache data from GitHub Pages



[SIDE PROJECT] Pokémon GO: Assistant Chatbot