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https://github.com/01Joseph-Hwang10/01joseph-hwang10.github.io/raw/gh-pages/static/files/resume/resume-backend-agnostic.pdf

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□□□: joseph95501@gmail.com
□□□: 010-9049-9550
□□□□□: https://01joseph-hwang10.github.io
Github: https://github.com/01Joseph-Hwang10/

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Start-ups

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Lean Programming

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Code Aesthetics

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□□□□□□□ (2021.03 - □□ □)

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□□□□ (@tripbuilder)

- 2021.07 - 2021.12
- □□□ / Front-end Developer
- AI □□ □□ □□ □□ □□□ □ `TripBuilder` □□ □□

□□□ (@labis)

- 2021.12 - 2022.11
- □□□ / Development Lead & Co-Founder
- □□□□ □□□ □□ □□ □□ □□□ `LearnQue` □□ □ □□

□□□23 (@shepherd23)

- 2022.07 - □□ □□□
- □□□ / Product Manager & Software Engineer
- E-Commerce □□□□ □□ □□□ □□ □□ □□□□ PickHound □□ □ □□

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https://01joseph-hwang10.github.io

=> □□ □□□ □□ Caching □□ □□

Backend Optimization @shepherd23

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  - □□ □□□ □□ □□ □ □□ □□□ □□□ □□□□ NestJS □□ `ActionProviderModule` □□.
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Backend Troubleshooting Optimization @shepherd23

- □□ □□□□□ □□ □□ API□ □□ □□□ □□ □□ □□□.
- GCL □□□ □□□□ `numpy`, `pandas`, `matplotlib`□ □□□ □□ □□□ □□□□□□□, □ □□□□ □□□□□ □□ □□□ □□□□ □□□.
- □□ □□ □□ API□ □□□ □□□□□□, `Date.now()` □ □□□ □ □□□ □□ □□□ □□□.
- => Firestore□□ count □□□ □□ □□□ □□□□ □□□□, count □□□ □□□ □□ □□ □□ □□.

=> Leaky Bucket Policy□ □□□ API□ □□ □□ □□ □□

Devops Feature @shepherd23

- □□□ □□□ □□□ API□ Leaky Bucket Policy□ □□ 1□□ 2□ □□□□ API □□□ □□□.
- □ □□□ □□ □□□ □□□ □□ □□□□ □□ □□□□ □□ API □□□□ HTTP 429 □□ □□□□
- => LeakyBucketClient □□□□ □□□ □□□ □□□ □□□□, 429 □□ □□ □ □□□□□ □□□ □□□ □□ □□.

=> □ □□□□□□ □□□□□ Worker □□□ □□

Devops Feature @shepherd23

- □□□□ □□ □□□□ Google Cloud Run□ □□□□ □□□□.
  - □□□ □□□ □□□ API□ Leaky Bucket Policy□ □□, □□ □□□ □□ DB□ □□□□ □□□□□□ □□□□□□ Cloud Run□ □□□□ □□ □□□ 1□□□ □□□□ □□ □□.
- => GCE □□□□ □□□ Cloud Load Balancer□ □□□ □ □□□□□□ □□□□ Worker □□□□ □□□□ □□ □□.
  - Cloud Build Substitution Variable □ Docker Build Args□ □□□, Cloud Run□ Worker □□□ □□ □□ □□.

=> GCE instance group autoscaler □ instance termination□□ □□ □□□□ □□ □□ □□

Backend Devops Troubleshooting @shepherd23

- GCE instance group autoscaler□ scale down□ □□□ instance□ □□□□ □□□□, □□□□ instance□ □□□ □□□□□□ □□□□ □□□ □□□.
- => NestJS□ `OnApplicationShutdown` □□□□□□□ □□□□ □□□□ □□ □□□ □□□□ □□□ □□□□□□ □□□ □□□ □□ □□.
  - Fire and forget □□□□ request□ □□ Shutdown process□ □□□ □□ □□□ □.

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Backend Optimization @shepherd23

- Bandit Model□ □□□□□□ □□ □ HTTP 413 □□□ □□□□□ □□□ □□□.
- □□ `np.float32`, gzip □ □□□□□ □□□□□□ □□, □□□□□□□ □□□ □□□.
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Backend Improvement @shepherd23

- Bandit □□□ □□□ □□□□ □□ □ □□ □□□ engines □□ □□□ □□□ □□□ □□ □□□□.
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Backend Improvement @shepherd23

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Automation Improvement @shepherd23

- Lerna, Python Module□ □□□ Monorepo □□ (Recommendation API, Bandit Engine, Banner Manager)
- Lerna, `standard-version`□ □□□ □□□ □□ □□ (□□ □□□□)
- □□□ □□□ □□□ □□ □□□□ □□□ □□ □□□□□□□□□ □□ □□□□□ □□ (Recommendation API, Banner Manager)
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Optimization @shepherd23

- □□□□ CI/CD □□ □□□□ Github Actions□ `push` □□□□ □□ □□□.
- □□□□ □□□□ □□□ □□□□□□ □□□□□□ □□ □□□□□ □□ □□□□□ □□□ □□□□□ □□□ □□□.
- Lerna□ □□□ □□□ □□□ □□ □□□ □□□□□□□ □□□□□ □□ □□□□□ □□□ □□ □□□□□□□ □□□ □□□ □□□ □□□□□□ □□ □□□□□ □□□ □□□□□□ □□□.
  - => □□□□□ □□ □□□ □ CI/CD □□ □□ □□□

=> Jest, Pytest□ □□□ TDD□ □□ □□ □□□

Backend Devops @shepherd23

- Jest, Pytest□ □□□ □□ □□□□□ □ □□□ □□□ □□ Unit/E2E □□□ □□.
- Insomnia □□ □□ □□□ □□ □□□ □□□ □□ □□□□ □□ □□□ □□□ □ □□□
    - => □□ □□□□ □□□□ □□□□ □□ □□□ □□ □□ □ 90% □□. (□□ □ 20□ → TDD □□ □ □□ 2□)
    - => □□ □□ □□ □□ □□□ □□□□ □□□ □□ □□ □□ □ 80% □□. (□□ □□ 4 ~ 5□ → TDD □□ □ 0 ~ 1□)

=> □□ □□ □□□□□□ □□□ □□ Private File Server □□

Backend Devops @shepherd23

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- static-webpage-with-auth □ □□□□□ □□ □□ □□□□□□ □□□□ □□ □□□ □ □□□ □□.

=> Google Sheets□ □□□ □□ □□□ □□□□ □□

Feature @shepherd23

- NestJS□ Django□□ Admin Dashboard□ □□□□ □□, Thrid Party □□□□□ (e.g. AdminJS) □ Firestore □ DB□ □□□□ □□□ □□□ □□□□□□ □□□.
- □□ Google Sheets, Sheets API, Cloud Functions □ □□□ □□□ □□□ □□□ □ □□□ □□ □□□ □□□□ □□ □□□□ □□□.
- => UI □□ □□ □□ □□□ □□ □□□ □□□□□ □□ □□□□ □□□ □□□□.
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=> Cloud Logging & Slack□ □□□ □□ □□□□ □□□ □□

Devops Feature @shepherd23

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- □□ GCL □□ □□□□ Cloud Functions□ □□□ □□□ □□□ □□□ Slack□□ □□□ □□□□ □□□ □□□.
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- GCL□ Logging Query Language □ □□□ □□□ □□ □□□ □□ □□□ □□□□□ □□□ □□□.
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Typescript HTML5 CSS3 ES6 CommonJS Webpack Babel Rollup Vite Lerna Python Numpy Pandas Scikit Learn Django Flask PyTest Selenium Sphinx React Redux RTK Query TailwindCSS MUI Emotion Cypress Storybook StencilJS D3 NextJS Figma NestJS Express Jest Swagger TypeORM Typedoc SQL Firestore Cloud Computing Firebase Cloud Run Cloud Build Cloud Storage Cloud Logging Cloud Compute Engine Docker Linux Github Git Github Slack Notion Korean (Native) English (TOEFL iBT 98 @ 2023.02)

□□ □□*: **2023□ 8□ 29□□***