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**KYLE WEEKS**

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Developer & DevOps Engineer

## SKILLS

**Product development** with Python, Vue.js, MySQL on Google Cloud Platform, \*nix, Django (REST framework), Flask, unittest/factory\_boy, code standardization with pre-commit/black/pylint

**DevOps** Kubernetes, GitOps, Git, Google Cloud Build, Slack integrations with CI/CD pipeline

## EMPLOYMENT

**Full Stack Developer, [CyberFortress](https://www.cyberfortress.com)**; Philadelphia, PA (Remote) Mar 2020 - Aug 2021

Responsible for operations relating to company’s e-commerce downtime insurance platform including systems availability, release deployments, and regulatory reporting.

* Developed and managed reporting component of company’s insurance platform (*Flask/Django/Vue.js/*K8s) while working closely with Chief Insurance Officer, which led to MGA agreement with major insurer.
* Developed and managed a resilient, scalable *GitOps* CI/CD pipeline (*GCP, K8s*) that enabled seamless deployment across multiple repos, simplified rollbacks, and integrated version control.
* Established code and testing standards that minimize technical debt and enable team growth.
* Integrated our CI/CD pipeline with Slack (*Google Cloud Function, Slack API*) that enabled a single point of reference to development across multiple repositories and deployment environments.

**English Instructor, Osaka City Board of Education**; Osaka, Japan Apr 2014 - Feb 2020

Taught public school students effective communication skills in English and cultural literacy; coordinated large events (600+ participants) with international team of instructors.

**Japanese Translator, Ritsumeikan University**; Kyoto, Japan Apr 2010 - Mar 2014

Provided critical translations on tight deadlines that required quickly learning advanced academic concepts.

## [OPEN SOURCE](https://github.com/pulls?q=is:pr+author:kylepw+archived:false+is:closed+is:merged) CONTRIBUTIONS/[PUBLICATIONS](https://kylepw.medium.com)

**[youtube-dl](https://github.com/ytdl-org/youtube-dl)** Added new [extractor, code convention docs](https://github.com/search?q=repo:ytdl-org/youtube-dl+is:pr+author:kylepw+archived:false+is:merged) to embedded video download tool.

**[Algorithms](https://github.com/TheAlgorithms/Python)** Added new [algorithms/docs](https://github.com/search?q=repo:TheAlgorithms/Python+is:pr+author:kylepw+archived:false+is:merged) to popular repository of algorithm implementations.

**[GitOps and multi-repo versioning (Medium)](https://kylepw.medium.com/gitops-and-multi-repo-versioning-14509b38a160)**

**[Web Scraping in Python: Extract Embedded Videos Like a Boss (Medium)](https://betterprogramming.pub/extracting-embedded-videos-8fc391906530)**

## EDUCATION

**[Google Cloud Certified Associate Cloud Engineer](https://www.credential.net/f5755ea2-5bfb-42aa-850d-bed2f5ce54d2?key=731bb01103a4fc01c661d2da74b4dc65ede0de64f33633b1a61696dcc5b02ab5)**  Jul 2020 - Jul 2022

[MongoDB Certified Developer - Associate Level](https://university.mongodb.com/certification/display_certificate?license1=672&license2=932&license3=607) Nov 2019

**Rutgers University, New Brunswick, NJ**  May 2008

BA, East Asian Studies, 3.9 (Summa Cum Laude)