

kylepw@gmail.com  
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# KYLE WEEKS

linkedin.com/in/kylepw  
github.com/kylepw

Developer & DevOps Engineer

## SKILLS

**Product development** Python, Vue.js, SQLAlchemy, Django REST framework, Flask, MongoDB  
**DevOps** AWS, Kubernetes, ELK, Google Cloud Platform, GitOps, Concourse CI

## EMPLOYMENT

**Software Engineer II, Comcast;** Philadelphia, PA

Sep 2021 - Present

SPIL (Sales Partner Integration Layer) team member responsible for operations relating to company's large-scale customer data migration from third-party data store to internal platform.

- Migrated millions of customer records (18 markets) from third-party to internal store by consuming events (SQS, ECS, *DynamoDB*), which provided other teams with faster, more efficient access to critical data.
- Developed and managed microservices (*AWS ECS, Concourse CI*), often providing critical code fixes on tight deadlines that allowed other teams to consume our APIs (*GraphQL*) and reach their respective goals.
- Mentored developers and reviewed code which minimized technical debt and enabled team growth.

**Full Stack Developer, CyberFortress;** San Antonio, TX (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.
- 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.

## OPEN SOURCE CONTRIBUTIONS/PUBLICATIONS

**youtube-dl** Added new [extractor](#), [code convention docs](#) to embedded video download tool.

**GitOps and multi-repo versioning (Medium)**

**Web Scraping in Python: Extract Embedded Videos Like a Boss (Medium)**

## EDUCATION

**Google Cloud Certified Associate Cloud Engineer**

Jul 2020 - Jul 2022

**MongoDB Certified Developer - Associate Level**

Nov 2019

**Rutgers University, New Brunswick, NJ**

May 2008

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