

# Kit Redgrave

Software Developer

Software developer with 5+ years of experience spearheading infrastructure projects across multiple technical stacks, looking for an SRE role

**Website:** <https://github.com/KitRedgrave>

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## SKILLS

- Software development using (but not limited to):
  - Languages: Python (including Django and Flask), C/C++, Java, Ruby (on Rails), TypeScript (browser and Node.js), PHP, HTML, Guile Scheme
  - Tooling: Linux, Git, Docker, Kubernetes, Nomad, Jenkins, GNU Guix, AWS (S3, EC2, RDS, IAMs, and more!)
  - Datastores: Redis, PostgreSQL, MySQL
- Experience working in an on-call rotation, and supporting my own and others' code
- Experience building and maintaining distributed systems

## EXPERIENCE

### Qualtrics - Seattle, WA

JULY 2018 - AUGUST 2020

#### Software Developer

On the Engineering Insights team:

- Created Python-based system to tag and manage AWS resources, reducing costs by improving internal accounting
- Created data pipeline for tracking SumoLogic usage by team, with alerting

On the Internal Engineering team:

- Migrated internal knowledgebase from ancient embedded MediaWiki to updated Docker service, greatly improving user experience and making custom development maintainable
- Released a Slack integration for automating incident chat workflow

### HPSS Collaboration (IBM Global Business Services) - Houston, TX

JANUARY 2015 - JULY 2018

#### Software Developer

- Created SwiftOnHPSS, an addon for Swift allowing usage of HPSS as object storage (<https://github.com/openstack/swiftonhpss>)
- Contributed system design and prototype Django control panel for HPSS Storage Broker

### USAA - San Antonio, TX

MAY 2014 - AUGUST 2014

#### IT Intern

- Summer internship with the Data Infrastructure Integration team

### Side Projects - The Internet

#### Cyberdeck

- Writing my own GNU Guix system configuration, as my daily driver(!) (<https://github.com/KitRedgrave/cyberdeck>)

#### Mastodon

- Contributed timed mute functionality to Mastodon
- Self-hosted one of the first instances outside of mastodon.social

## EDUCATION

### Texas Tech University

FALL 2009 - FALL 2014

Bachelor of Science in Mathematics, Computer Science  
(dual major)