

Work Experience

IBM, Key Protect, Hybrid Cloud

Austin, TX

Backend Software Developer

Aug 2019 - Present

- Manage and maintain the Key Protect live service offering in the IBM Cloud (99.99% SLA)
 - Participate in the on-call rotation schedule to monitor the service and respond to any customer impacting events and respond to internal and external customer issues
- Contribute to design of new features early on in process and develop and deploy as part of regular releases
 - Assist with deployment of our releases (**Kubernetes, Docker, Jenkins, Travis CI**) every two weeks
 - Database management and integration (**PostgreSQL, pgbouncer**) for storing service data
- DevOps Bot (**Go, HTML, Python, Javascript, PostgreSQL**)
 - Slack bot, Web GUI and REST API that Provides functionality to assist with the day to day operations of the Key Protect team including: management and allocation of infrastructure resources, sanity testing and healthcheck of the service through a slack bot chat interface

Software Developer Intern

May 2018 - Aug 2018

- Contributed to maintenance of the codebase of the backend of the Key Protect offering
 - Debugged and fixed bugs and contributed to refactors that cleaned up and organized the code better
- Team Health Check Dashboard (**Go, MySQL**)
 - Collects and aggregated data from GitHub to analyze team member contributions and pull request throughput a creates graphs for visualization of the data
- Stethoscope - Interactive retrospective web application tool (**NodeJS, HTML, CSS**)
 - Assisted in identifying and visually representing areas of improvement and areas of success within the workflow of squads Inspired by the *Spotify Squad Health Check Model* (<https://engineering.atspotify.com/2014/09/16/squad-health-check-model/>).

Education

University of California, Berkeley, Berkeley, CA

Aug 2017 - May 2019

B.S. Computer Science and Electrical Engineering, 3.77 GPA, Graduated With Honors

Ohlone College, Fremont, CA

Aug 2015 - May 2017

Credits for Transfer, 3.94 GPA

Programming Languages

Go, advanced

C/C++, novice/intermediate

Java, novice

Python, advanced

JavaScript, novice/intermediate

Toolset/Skills

PostgreSQL/MySQL Git Kubernetes Docker PGBouncer Jenkins/Groovy NoSQL (Redis, MongoDB)
 IBM Cloud NodeJS Linux Bash AWS

Accolades

Outstanding Technical Achievement Award, Key LifeCycle Management for IBM Cloud, November 1, 2020