

KODIE GLOSSER

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EXPERIENCE

IBM

Austin, TX

Development Team Lead - Senior Software Engineer

January 2021 - Present

- Squad lead of multinational team responsible for the dynamic provisioning and configuration of Kubernetes clusters for IBM's container service offerings
- Define business objectives and technical requirements for involved teams including setting timelines, writing epics, and acting as a liaison between development and management
- Architecting and designing our next generation container runtime offering, HyperShift
- Ensure delivery of BI-Weekly kubernetes minor/major version and security updates to our customers with zero down time
- Designed a cloud agnostic runtime system; IBM Cloud Satellite, to allow any cloud provider to run on our managed OpenShift offering
- Develop and maintain dozens of Go microservices providing core APIs and event-driven backend
- Responsible for oversight of PCI, SOC2, GDPR, EU Cloud, and FS Cloud Compliance
- Regularly work with high value customers to understand their needs and then drive solutions into our product

Advisory Software Engineer

June 2019 - January 2021

- Designed and implemented a way to use our own service to run all our infrastructure components
- Implemented a managed Etcd service with built in disaster recovery and redundancy
- Worked directly with customers to increase the resiliency of their services by implementing scalable solutions like auto-scaling and live migration

Staff Software Engineer

June 2017 - June 2019

- Continued to implement features for the bootstrap microservice that includes supporting multiple operating systems, upgrading major/minor versions, and different machine flavors; including Baremetals, VSIs and GPUs.
- Contributed to the health monitoring component that customers can use to detect and remedy issues with their data plane components
- Reduced single points of failure and increase redundancy by creating high-available solutions across our stack

Site Reliability Engineer

August 2015 - June 2017

- Created a microservice that bootstrapped workers into kubernetes clusters, that was spun off into its own project that I currently lead today
- Monitored and maintained our Openstack Cloud offering
- Worked on monitoring and autorecovery tools to increase our overall uptime

EDUCATION

The University of Toledo

Toledo, Ohio

BS Computer Science, Electrical Engineering *GPA: 3.7*

August 2010 - August 2015

SKILLS

Programming Languages:	Go, Java
Scripting Languages:	Python, Shell, Bash
Databases:	etcd, MySQL
Containers / Orchestration:	Kubernetes, container runtimes, Microservices, as a service (IaaS/PaaS/SaaS)
DevOps Tools:	Ansible, Travis CI, Jenkins, Prometheus, LogDNA, Git/GitHub, PagerDuty, Slack
General:	Linux/UNIX, REST, data modeling

PROJECTS

Spotify workout BPM playlist

A server side web application that will tailor your workout based of your desired genre and BPM throughout the workout