

sungo - Resume

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About Me

I am an ops generalist with many years of industry experience, ranging from small environments with a handful of servers to large scale systems involving thousands of servers. For most of my career, I've been a member of front-line operations teams, dealing with production deployments, automation, and outages. A particular passion of mine has been automating production environments, allowing the humans involved to focus on higher level requirements.

Of late, I've spent my days developing Go/golang based server applications and client tooling for systems automation and asset management. I am most at home in backend systems and I find joy in bringing old code bases up to modern standards, making them sustainable and stable.

I have significant experience with software/systems architecture and design, including gathering stakeholder requirements, writing requirements documents, and carrying them through implementation and production deployment.

I am only interested in staff+ remote-only positions.

I am not interested in management roles.

Recent Employment History

CoreWeave

April 2024 - present

Sabbatical

November 2023 - April 2024

Fastly

June 2023 - November 2023

DigitalOcean, LLC

October 2019 - February 2023

At DigitalOcean, my primary role was to architect, lead, and implement the collection of telemetry from every server and every infrastructure virtual machine in the DigitalOcean fleet. This data was made available to internal customers via REST, GraphQL, and gRPC APIs, as well as command-line tooling, and was used to drive outage detection, operational maintenance, and business reporting. Collection was performed using custom onboard software on every server in the fleet, as well as a global Redfish collector system. The data was then propagated across global highly available gRPC links and internal caching layers and ultimately stored in a SQL database. This project was implemented in Go/Golang, backed by MySQL 5.7, and deployed to a Kubernetes-like system.

My role as project/team lead also entailed requirements gathering and stakeholder management across the company, as well as mentoring and training members of the team.

Joyent, Inc

October 2017 - September 2019

Validating datacenter builds using Perl and Go

Neustar, Inc

July 2017 - October 2017

Time Warner Cable

Mar 2010 - May 2017

Architected and led the implementation of IP-based live video distribution for the TWCTV iPad app, versions 1 and 2. *The application was subsequently awarded an Emmy Engineering Certificate.* Architected and implemented automation for video-on-demand content intake, transcoding, and distribution. This self-healing system handled over a thousand TV shows, movies, and advertisements daily with little to no human intervention. Architected and implemented automation for content metadata (title, description, ratings, artwork, etc) improvement.

Extensive on-call responsibilities, including incident management and authorship of post-mortem analyses

Previous Employers Upon Request

Education

- Bachelor's Degree