

sungo - Resume

Website <https://sungo.io>

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About Me

I am an ops generalist with over 20 years of industry experience, ranging from small environments with a handful of servers to large scale systems involving thousands of servers. I have extensive systems administration and development experience, mostly in the context of metrics, monitoring, and automation. For most of my career, I've been a member of front-line operations teams, dealing with production deployments, automation, and outages. I have experience managing incidents and writing blameless post-mortems.

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

In any job, I am looking for the usual challenging work and good diverse people to work with. For most of the last 15 years, I have worked in a remote capacity and am interested in working remotely with a highly communicative team that is willing to use text chat and video conferencing.

I am not interested in management roles.

Recent Employment History

Digital Ocean

October 2019 - present

Infrastructure Engineering

Joyent, Inc

October 2017 - September 2019

Validating datacenter builds with Perl and Go

Conch

- Repository: <https://git.sungo.io/mirrors/conch-api>
- JSON API server written in Perl, backed by PostgreSQL

Conch Shell

- Repository: <https://git.sungio.io/mirrors/conch-shell>
- Repository: <https://git.sungio.io/mirrors/kosh>
- Command line application, written in Go, for accessing and automating Conch API actions

General Systems Administration

- Ansible
- Docker, including Docker Swarm
- PostgreSQL server administration
- Ubuntu 18.04 LTS

Primary Technologies

- Go
- Perl
- PostgreSQL

Neustar, Inc

July 2017 - October 2017

Time Warner Cable

Mar 2010 - May 2017

Software engineering, architecture, and design for systems automation and monitoring for video-on-demand backend systems, including requirements gathering, detailed design specifications, and stakeholder communication.

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

Architecture / Engineering

- 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

Software Development

- Workflow and systems automation using Ruby
- Monitoring and data management UIs (including real-time interfaces with WebSockets) using Ruby, Javascript, MongoDB, and PostgreSQL
- Monitoring UIs in Splunk

Primary Technologies

- Ruby
 - MongoDB
 - PostgreSQL
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Previous Employers

- **YouPorn / Midstream Media** - May 2009 - Feb 2010
 - **Singlesnet, Inc / The Hive** - Dec 2007 - Mar 2009
 - **America Online** - Feb 2003 - Oct 2007
 - **Databuilt, Inc** - Dec 2001 - Feb 2003
 - **The Creative Group** - May 2000 - Dec 2001
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Education

- **Bachelor's Degree** - 1996 - 2000