Raphael Deem

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LINKS

- r0fls
- Raphael Deem
- r0fls

SKILLS

PROGRAMMING

Advanced:
Python•Go•Javascript
Intermediate:
SQL•BASH•Ruby•C++•C
HTML/CSS•Android•Java
Familiar:
PHP •R

CI/CD SYSTEMS

Gitlab • Travis•Jenkins

MONITORING & ALERTING

Prometheus•Grafana•Pagerduty

MISCELLANEOUS

Linux•Kubernetes•Docker

EDUCATION

REED COLLEGE

BA in Mathematics
May 2010 | Portland, OR
Produced thesis covering
error-correcting codes used in
communications engineering.

DE LA SALLE NORTH CATHOLIC

May 2005 | Portland, OR
Funded tuition for four years by
participating in an experimental,
immersive work study program.
First graduating class.

PROJECTS

Sanic (maintainer): python3
asynchronous web-framework modeled
from Flask.

Gostats (creator): golang package for
generating random numbers from
non-unified distributions.

alb-ingress-controller (developer):
golang ingress controller utilizing AWS
ALBs; official LB for EKS.

ABOUT

I am a systems and backend engineer, and a golang and python afficianado. I enjoy
working with kubernetes and containers.

EXPERIENCE

TICKETMASTER | Systems Engineer III

May 2017 - Present | Remote
- Architected and engineered system for attributing kubernetes workload costs
  to product teams, using prometheus, golang and the spotinst API.
- Designed and created end-to-end tests to verify kubernetes cluster
  functionality and report on SLAs, using golang, bash, and prometheus.
- Deployed the upstream nginx-ingress-controller as a cost-saving alternative to
  our internally developed alb-ingress-controller, using helm and gitlab ci/cd.

PLATFORM.SH | Infrastructure Engineer

May 2016 - May 2017 | Remote

- Automated deployment of high-availability enterprise clusters, using python
  fabric and mako templates.
- Created command line tool for managing fastly CDN services.
- Added support for Postgresql high availability clusters, using puppet and
  bidirectional replication.

SELLERENGINE SOFTWARE | Automation Engineer

Mar 2015 - May 2016 | Portland, OR

- Automated daily upload of sales and return data to our accounting system using
  Python.
- Developed software to extract and process bi-weekly payroll data using Python
  and PostgreSQL.
- Influenced and designed accounting methodology and techniques.

YOUR SUPPLY COMPANY | CTO

Aug 2014 – Sep 2015 | Portland, OR
- Designed and hosted website (**yoursupply.co**) using Apache, Linux and
  Bootstrap CSS.
- Wrote and deployed python scripts to scrape listing data from Amazon.

HURON CONSULTING | SQL Developer

Oct 2013 – Aug 2014 | Lake Oswego, OR
- Implemented and customized bolt-on software for healtcare information
  systems.

DUNTHORPE MARKETING | Data Specialist

Mar 2013 – Oct 2013 | Portland, OR
- Automated weekly reporting of SalesForce metrics using Visual Basic and the
  SalesForce API.

STREAM GLOBAL SERVICES | Networking Specialist

Oct 2011 – Mar 2013 | Beaverton, OR
- Used traceroute, ping, and other command line tools to troubleshoot issues
  with internet connectivity.