

tl;dr

Driven by exploration of new technology. Excited by systems design and scalability challenges.

I'm looking for opportunities to facilitate and participate in a deep exploration of new technologies. Interested in language design, automation and tooling, self-aware systems, identity verification and management, scientific applications of technology, and bridging digital and physical space.

I've got experience building tooling and automation to support seamless development, deployment, and monitoring. I have some ideas about how systems should coalesce, scale, and perform. Also, I try to stay off the bandwagon.

My most recent work involves kubernetes, etcd, flannel, jenkins, and cfssl to develop tooling around kubernetes clusters for dynamic x509 certificate management and rotation, continuous integration tooling, and monitoring.

i know saturation indicates level of expertise

lang; go, java, scala, groovy, bash, sql data; postgres, etcd develop; vim, intellij document; markdown build; go, make, gradle, sbt, lein, maven, jenkins deploy; coreos, kubernetes, debian, vagrant, docker, ansible monitor; elk, grafana

i worked

ondeck; new york, new york

4.2014 - 4.2015

software engineer; lead, engineering tools & standards

- + established organization wide engineering standards and non functional requirements.
- + implemented authn/z service (oauth2 & openid connect) for centralized access control.
- + developed continuous deployment and automation tooling; jenkins w/ groovy, bash, git & docker.
- + planned long term architectural vision & prioritized work for several engineers accordingly.

software engineer; lead, core rearchitecture

- + lead re-architecture of core servicing platform to facilitate long term competitive growth.
- + architect distributed soa & ledger accounting system to support loan servicing.
- + designed micro-service framework atop dropwizard for consistent scalable services.

software engineer; core team

- + implement rest web services in java to support internal & external tools.
- + developed application and jvm level metrics reporting and tracing to elk.
- + augmented team process to promote code review, thoughtful design & simplicity.

siteworx; new york, new york

4.2012 - 4.2014

software engineer, technical lead

- + engineering lead on a team of 4 engineers and one test engineer.
- + lead architecture and development of java applications. (gotomeeting.com, undp.org)
- + exceeded automation requirements to provide a strong sla for standalone java apps.

lbi software; woodbury, new york 1.2012 - 4.2012

software engineer

- + re-platformed mlb's legacy press credentials application to struts 2 and mybatis.

i studied

b.s. computer science | stony brook university | 2011

