robertcboll
a software engineer.

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 strategies and tooling, self-aware systems, 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.

i know saturation indicates level of expertise

lang; java, scala, groovy, bash, sql, golang   data; postgres   develop; vim, intellij   document; markdown, jekyll, mkdocs, sphinx   build; gradle, sbt, lein, maven, make, jenkins   deploy; debian, vagrant, docker, ansible   monitor; elk, graphite

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