Software Engineer **Robert Boll**

tl;dr

Driven by exploration of new technology. Excited by systems design and scalability challenges. I don't care about agile or waterfall, & I don't like micro management.

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.

skills

general; distributed systems, software architecture, *nix, jvm
lang; java, scala, groovy, bash, sql **familiarity**; golang
tool; git, gradle, sbt, maven, swagger, jenkins, docker, ansible, postgres

employment

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.

education

B.S. Computer Science
Stony Brook University