CHRISTOPHER ARMSTRONG
GINGENEER

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MISSION

I love connecting, growing, and leading passionate people to work on solving impactful problems.

I'm technical by trade, but I light up when I get to lead people in their personal and professional growth. I've had the privilege of building teams from the ground-up at The Resumator (now Jazz) and Deis, in roles responsible for the entire engineering organization.

I love leading and enabling technical organizations to put people first.

EXPERIENCE

Vice President, Engineering
September 2015 – present
Deis, Boulder, Colorado

I lead the engineering organization at Deis, focused on building the Deis open-source PaaS built on CoreOS and Docker as well as Helm, the Kubernetes package manager.

I report to the CEO and am accountable to the board of directors. My responsibilities include:
* Budgeting for the organization
* Recruiting and resourcing
* Working with technical marketing/product to flesh out release requirements and targets
* Ensuring releases are shipped on-time and are complete

Engineering Team Lead
April 2015 – September 2015
Deis, Boulder, Colorado

I continue to lead both the open source project as well as the engineering team working on Deis.

I have also trained and equipped the sales and support teams to understand and grow their respective functions around Deis, and I continue to engage with our awesome open source community and drive leads to the sales team.

Core Maintainer
March 2014 – April 2015
Deis, Boulder, Colorado

I work as a core maintainer of Deis, an open-source Platform-as-a-Service that leverages CoreOS and Docker. I love being a part of the Docker/CoreOS open-source ecosystem.

* Plan and develop core platform features, mostly focused on deployment and high-availability
* Consider DevOps-related concerns in Deis feature planning and development
* Evangelize Deis at conferences, meetups, and hackathons
* Give product demos and discuss Deis with potential customers

Site Reliability Engineer
February 2013 – present
Socrata, Seattle, Washington

One of two software engineers focused primarily on systems infrastructure reliability, tools, and automation. Significant work with Opscode Chef and Windows Azure. Socrata's infrastructure included a Rails front-end and Scala/Java backend,

PostgreSQL, Zookeeper, Cassandra, Redis, HAProxy, nginx, Couchbase, Apache Traffic Server.

Left to pursue early-stage startup opportunities.

* Wrote and maintained Opscode Chef cookbooks to automate infrastructure
* Deployed full Socrata stacks to new strategic Windows Azure regions
* Provided operations support to the engineering team, participating on the on-call rotation
* Oversaw migration of monitoring system from Nagios to Sensu
* Became an in-house Chef expert, working closely with Opscode (now Chef) for support of Enterprise Chef platform

Director of Engineering
March 2012 – December 2012
Jazz (Formerly The Resumator), Pittsburgh, Pennsylvania

Principal technical leadership in the organization. Worked closely with the founder/CEO and leadership team. Grew the engineering team, oversaw all feature development, design, and implementation, and set engineering team milestones and direction.

Left to pursue life and adventure outside Pittsburgh.

* Recruited, onboarded, and mentored key team members, growing team from two engineers to nine
* Represented the engineering organization team's interests to company leadership
* Oversaw the design, implementation, and release of all major features and products
* Architected systems infrastructure to accommodate growth of platform and managed budget
* Represented the company at local developer meetups and hackathons

Lead Software Engineer
September 2010 – March 2012
Jazz (Formerly The Resumator), Pittsburgh, Pennsylvania

First full-time employee hired at The Resumator. I was the only software engineer for a year and half, and was responsible for all feature development and service reliability.

* Designed, specced, and built major application features, including: a rewrite of the payment system and integration with Authorize.net, an in-house support system, and a Javascript integration to share jobs with Facebook, Twitter, and LinkedIn
* Designed and managed fault-tolerant systems infrastructure on Amazon Web Services, including load-balancers, web servers, and MySQL database servers
* Rewrote major parts of the codebase with a focus on scalability and reliability
* Assisted with phone screens and interviews for engineers

TALKS

For an updated list of talks I've given, see *http://carmstrong.io/talks*

EDUCATION
B.S., Computer Science and Economics
University of Pittsburgh, Pittsburgh, Pennsylvania

CS focus: web development and system architecture
Conducted experimental and behavioral economics research