Chris Clark

"I have a passion for programming, designing systems, and learning with people. I help teams to be productive through clarity, vision, and teamwork."

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⌂ http://github.com/cfclrk
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Skills

Most Recent and Familiar

Languages: Python, Bash, Clojure, Go

Other: Kubernetes, Git, Docker, AWS, Azure, Google Cloud Platform, Terraform

Worked with in the Past

Languages: Java, Haskell, Javascript, Rust, LaTeX, C, C++, MATLAB/Octave, CSS/LESS/SASS, SQL

Other: Vue.js, Gnuplot, Ansible, Packer

Experience

Cloud Engineer at IronNet — March 2019 – Present

- I worked mostly on automation for creating and managing Kubernetes clusters (and applications running on the clusters)
- Helped debug and fix application problems on Kubernetes
- Helped create and implement a company cloud strategy; for example, how to create, manage, and secure AWS (and Azure) accounts, and how to audit important activity in those accounts.

`Python` `Bash` `Kubernetes` `AWS` `Azure` `Terraform`

QA Engineer at Fugue — Jul 2015 – Jan 2019

The QA team was in charge of designing and implementing a test harness for Fugue (which was a platform for defining, creating, and monitoring infrastructure in AWS and Azure). I created much of this system, as well as a variety of general-purpose internal tooling.

- Helped design and create an end-to-end test harness for Fugue (mostly Python and Bash)
- Wrote a utility for deleting everything in AWS accounts (Python)
- In charge of test VMs in AWS and Azure (Ansible, Packer, Go, Azure Resource Manager)
- Created and maintained many continuous-integration builds in Travis and Concourse
- Devised a literate-programming approach for running and documenting tests

`Python` `Bash` `Clojure` `Go` `AWS` `Azure` `Ansible` `Packer`

Web Developer at Wells Fargo — Feb 2015 – Jul 2015

Member of a small team creating an internal auditing and task-tracking application.

`Java` `Spring` `Hibernate` `YUI` `Javascript`

Startup Entrepreneur — May 2014 – Jan 2015

Primarily focused on two business ventures:

- Partnered with a small team of entrepreneurs creating an application for pairing high-level executives with new opportunities.
- Working with a medical clinic to create a multi-user web application that maintained an audit trail of communications between doctors, patients, nurses, and call centers.

`MEAN stack` `Docker` `Java 8` `Scala` `MySQL` `Bash` `LaTeX`

Consultant at Red Hat — Aug 2011 – May 2014

As a consultant, I traveled to client sites and worked on a variety of projects that Red Hat was involved with. Mostly, this involved integrating the JBoss suite of products which Red Hat had recently acquired.

- *GEICO* – Helped to build and expand web services. Also helped to create an internal error tracking and aggregation platform using Grails and AngularJS.
- *Cigna* – Worked on an application for inferring customer information using a rules engine.
- *Kohl's* – Sole developer porting the main website to a website for kiosk machines.

`Java` `JBoss` `JBoss Rules` `jBPM` `Hibernate` `MyBatis` `Grails` `AngularJS`

Education

UNIVERSITY OF VIRGINIA, School of Engineering and Applied Science, Charlottesville, VA
B.S. in Computer Science, May 2011

- *Math*: Calculus II, III, Discrete Math, Differential Equations, Probability, Linear Algebra
- Computer Networks
- Operating Systems
- Digital Logic Design
- Computer Architecture
- Theory of Computation
- Algorithms
- Computer Vision

Outside of Work

I enjoy family time, quiet time, reading, learning, and doing any kind of sports.

- I created and maintain http://lenaclarklegal.com for my wife's legal practice
- President of my HOA
- I love all kinds of sports and exercise