

# Chris Clark

*I have a passion for programming, designing systems, and learning with people. I strive for simplicity and elegance. I help teams be productive through clarity, vision, and teamwork.*

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## Skills

### Most Recent and Familiar

**Programming Languages:** Clojure, Python, Bash, SQL

**Tools/Services:** Git, Bazel, AWS, Terraform

### Worked with in the Past

**Programming Languages:** Rust, Go, Javascript, Java, L<sup>A</sup>T<sub>E</sub>X, C, C++, MATLAB/Octave, CSS/LESS/SASS

**Tools/Services:** AWS CDK, Azure, Ansible, Kubernetes, Packer, Webpack, AngularJS/Vue.js/React

## Experience

### Senior Clojure Engineer at Splash Financial      March 2022 – Present

Work on Clojure microservices to automate underwriting loans.

Clojure   Bazel   PostgreSQL   AWS   Terraform

### Cloud Engineer at IronNet      March 2019 – March 2022

As a member of the **Cloud Infrastructure** team at IronNet, I helped oversee cloud-related endeavors and develop internal tooling. Some things that I personally worked on:

- Designed and implemented a new data-ingest pipeline that leverages AWS managed services (like ALB, Kinesis, and ECS) in order to be more scalable and reliable than previous designs.
- Created and improved various internal tooling (mostly in Python) for things like:
  - Managing Kubernetes clusters
  - Deploying applications (usually to Kubernetes)
  - Creating AWS accounts
  - Maintaining cross-account permissions
  - Leveraging AWS spot instances

Python   Go   Bash   Kubernetes   helm   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 at the time was a platform for defining, creating, and monitoring infrastructure in AWS and Azure, sort of like Terraform). 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 (Python, Bash, Go)
- Wrote a utility for completely clearing AWS accounts (Python)
- Created an automated pipeline for building test VMs in AWS and Azure (Ansible, Packer, Go, Azure Resource Manager)
- Created CI builds in Travis and Concourse
- Devised a literate-programming approach for running and documenting tests

Python

Bash

Clojure

Go

Haskell

AWS

Azure

Ansible

Packer

Concourse

## 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

I *really* wanted to create my own business. It was primarily focused on two business ventures:

- Worked with a medical clinic to create a web application that helped provide communication between doctors, patients, nurses, and call center operators.
- Partnered with another small team to build a recruiting platform for high-level executives.

MEAN stack

Docker

Java 8

Scala

MySQL

Bash

L<sup>A</sup>T<sub>E</sub>X

## Consultant at Red Hat

Aug 2011 – May 2014

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

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*

## Outside of Work

I love family time, baby time, reading, learning, and playing sports, especially with other people. Sometimes I play around with Emacs and Elisp.