



Kelly Becker-Neuding

Generalist Full-Stack Software Engineer
Development Oriented Operations Engineer
Service Oriented Software/Operations Architect

Address	45 Mayfield Ave. Daly City, CA 94015
Email	kbecker@kellybecker.me
Cell Phone	(415) 871 - 3657
Website	http://kellybecker.me
Blog	http://objectiveoriented.com
GitHub	http://github.com/KellyLSB
LinkedIn	http://rain.kellybecker.me/6l4w
Launchpad	http://launchpad.net/~kellylsb

Professional Summary / Cover

I am a hyperactive software genius!

Over the past 6 years in the profession, I have had the chance to work on everything from wiring cable at layer 1 all the way up to building applications at layer 7. While I do claim the title of "genius" I do not use the default interpretation. In my life experience I have noticed many believe genius' are smart while in fact it is about intelligence. I cannot claim to know everything but I will claim that I can learn anything at a highly accelerated rate.

Growing up with untreated ADHD caused me to develop some coping mechanisms; software was a haven from the overwhelming world around me. This flaw of mine in the everyday world has since turned into a giant merit in the software industry. I always strive to architect, build, provision, code and deploy in the most optimal way within the bounds of my knowledge. And physics, of course. Though if I can do better and there is time I always try to build the best and eliminate technical debt on every layer.

Since beginning treatment my ability has skyrocketed; I try to read a new technical article on a daily basis as well as architect or work on a new idea. I also have become a lot more aware of myself and I have been working to turn each flaw into a new merit. The road has been tough and I look to my career and the systems I work with to help me learn organically, through my day-to-day life. I build meta concepts about communication and the people I interact with to help me be a better contributor to society whilst understanding the world better.

I live to code. If my skills and my person sound intriguing then I would love to talk with you.

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My long term 10 year goal is to accrue enough experience and connections to start and run my own company.

Notable projects I am proud of:

- A custom Linux Kernel built for the Acer Aspire One AO521 to support the ACPI peripherals properly (2010)
- The EvolutionSDK Modular PHP Framework along with my good friends and colleagues [Nathanael Ferrero](http://nateferrero.com/) (<http://nateferrero.com/>) and [David Boskovic](http://www.david.gs) (<http://www.david.gs>) *at time of writing David's site was unroutable* (2011)
- Full PCI Compliance passing a [Trustwave](https://www.trustwave.com) (<https://www.trustwave.com>) Intusion Scan for financial information with Red Hat Enterprise Linux 5 on a Rack Space Hosted Private Network with a DMZ (2011)
- The Rails "Gemification" process which takes large components of monolithic Rails apps and turns them into mountable plugins that can run as part of an existing application or standalone with communication through dRB or a Restful API (2013 - Continuous)
- Docker.IO Service Oritented Architecture blue prints with Dynamic DNS for service discovery (2013 - Continuous).

Philosophy

No one is perfect and everyone has baggage; this is something no one in our world can deny. I believe that honesty is the best policy. I'm a firm believer in our freedoms, especially the freedom of speech; however, with all freedoms they must be exercised in moderation. Because of this and my placement of importance on honesty, I will always be upfront and direct because there is a reason for everything and we are all human we make mistakes and sometimes do not think things through. This happens both in the scope of personal issues and the importance we place on our careers. I know that was a long lead in for my primary philosophy.

... Because this life is yours. Some of it was given to you, the rest you make yourself.

This statement paints a beautiful picture of how I view life and my career. I'm not perfect both due to situational circumstances of my past and present but I have the power to change and be different.

Work Experience

Jiff, Inc2013 - 2014

TitleSr. Software Engineer
LocationPalo Alto, CA
DurationSeptember 2013 - April 2014

Technologies

Ruby / Ruby on RailsProprietary Gems
Open Sourced GemsRestfulJSONSidekiq
RspecCapistranoBash / SHPuppet
SolrGitHubCircle CICode Climate
Airbrake.ioGraylog 2Amazon AWS
Amazon AWS - VPCAmazon AWS - EC2
Amazon AWS - ELBAmazon AWS - SES
Amazon AWS - AMIAmazon AWS - EBS
Amazon AWS - S3Ubuntu 12.04 LTS
Docker.ioBind9IRCD2 (Admin)
StripeRedisMySQLMore...

Youmacon2009 - 2013

A.K.A.Defying Conventions
LocationDetroit, MI
Remote
TitlesRegistration Software Architect
Website Server Administrator
Director of Pre-Registration
Assistant to the Chairman
DurationJune 2009 - November 2013

Technologies

EvolutionSDKPHPPHP-FPM
MySQLStripePostmarkapp
Amazon AWS RDSAmazon AWS SES
Amazon AWS EC2Amazon AWS ELB
Rackspace Public Cloud
Dreamhost Shared TenancyAmazon AWS AMI
Amazon AWS S3Ubuntu 10.04 LTSPhpBB
HTMLCSSApacheApache Mod PHP
CentosNginxPayPal API - SOAP
LHTMLGraylog 2JoomlaHAproxy

Rainforest QA

2013

A.K.A. Cldrdr, Inc
Location SoMa, San Francisco, CA
Title Inapplicable
Duration August 2013 - September 2013

Technologies

Ruby **Ruby on Rails** **Heroku** **Circle CI**
Javascript Node.JS Backbone.JS
Grape API **Sinatra** **Vagrant**
Virtual Box **Digital Ocean** **Azure**
Softlayer **Jasmine** **Rspec** Amazon S3
Amazon Mechanical Turk **Postgres**

Triggit, Inc

2013

Location Mission, San Francisco, CA
Title General Support / DevOps Engineer
Duration January 2013 - July 2013

Technologies

Ruby Ruby on Rails **IRC** **Clojure** **C**
Hadoop **Hive** Cassandra **Postgres**
MySQL **Redis** **Amazon S3**
Datapipe Metal Datapipe Cloud
Bash / SH **Genders DB** **Puppet**
Ruby / Net-SSH **GPG** Nginx Apache
Go-Lang **HAproxy** HTML CSS **Javascript**
CoffeeScript

Tioki

2012 - 2013

A.K.A. Demo Lesson, Inc
Location Lake Merritt, Oakland, CA
Title Full Stack Software Engineer
Duration July 2012 - January 2013

Momentum OS, Inc

2010 - 2012

Location

Remote (2010 - 2012)
Los Angeles, CA (Nov, 2011)
Colorado Springs, CO (2012)

Title

Full Stack Software Engineer

Duration

June 2010 - July 2012

Verschoyle Innovation Corp

2010 - 2011

Location

Remote

Title

PHP Contractor

Duration

January 2010 - June 2011

The World Steam Expo

2009 - 2011

A.K.A.

Defying Conventions

Location

Novi, MI
Remote

Titles

Registration Software Architect
Website Server Administrator
Director of Pre-Registration
Assistant to the Chairman

Duration

March 2009 - May 2011

LocationGrand Rapids, MI
Remote**Title**

Webmaster

Duration

June 2010 - June 2011

Language and Technology Clouds

Languages

bash/sh puppet dockerfile sql
ruby php lhtml node.js
javascript coffeescript less-css
sass css html python elixir
go-lang clojure c assembly

Operating Systems

mac-os-x ubuntu debian
fedora centos
redhat-enterprise-linux windows

Caches

redis memcache

Frameworks and Libraries

ruby/rails ruby/padrino
ruby/sinatra **ruby/active-record**
ruby/active-support **ruby/net-ssh**
ruby/net-sftp **ruby/thread**
node/express
html-css/zurb-foundation
html-css/bootstrap elixir/ecto
php/evolutionsdk
php/codeignitor php/wordpress
php/joomla

SQL Databases

mysql **postgres** **sqlite** **aws-rds**
hive

NoSQL Databases

mongodb **couchbase** hadoop

Other Databases

cassandra

How To Read My Skill / Technology Clouds

I decided to use skill clouds to show my expertise and use of a specific technology. I felt that this would help the things I love and have worked with frequently "pop-out" when looking over my resume at a glimpse. There are 5 categories though depending on the section you are viewing they should have different interpretations. Don't worry they are almost the same.

Work Experience Technology Cloud Map

The technology clouds under work experience show the technologies I used often.

1. Red, Very Small Font: Technology was present; no direct interaction.
2. Grey, Small Font: Technology was present; extremely little interaction.
3. Black, Normal Sized Font: Technology

Skill Cloud Map

The technology clouds under work experience show the technologies I used often.

1. Red, Very Small Font: Known; no interest.
2. Grey, Small Font: Amateur; less than 25% expertise.
3. Black, Normal Sized Font: Professional;

was present; little interaction.

4. Blue, Normal Sized Font: Technology

was present; average interaction.

5. Violet, Large Bold Font: Technology was present; major interaction / ownership.

greater than 25% expertise and less than 75% expertise.

4. Blue, Normal Sized Font: Highly Professional; Greater than 75% expertise.

5. Violet, Large Bold Font: Almost Expert; Around ~99.9909% expertise.