

Motivated 20+year software engineer with a wide breadth of experience. A skilled communicator, able to work with a team of professionals in an agile environment. Creative, resourceful and flexible, able to adapt to changing priorities and maintain a positive attitude and strong work ethic.

**Crusoe Energy FTE, Staff Site Reliability Engineer**

Jan 2021 – Aug 21, Staff Site Reliability Engineer

- All things building a cloud!

**Adobe FTE, Staff Site Reliability Engineer**

Jan 2021 – Aug 21, Staff Site Reliability Engineer

- GCP migration and alignment
- AWS re-architect Sales Connect

March 2019 – Jan 2021, Sr. Site Reliability Engineer

- Ongoing migration to containerized and or cloud native deployments
- Monitoring, logging, and continuous improvement within Marketo's existing DCs on bare metal k8s cluster
- Management of 6k hosts via puppet, pdsh, and ansible
- Unified authentication with sssd, pam.d and corporate ldap

**ebay FTE, Site Reliability Engineer**

November 2018 – March 2019 [remote] Core Products Site Reliability Engineer

- Worked in the SEC covering eBay's 300B events/day on over 6k different services

July 2017 – November 2018 [remote] New Product Division, Infrastructure Tribe

- Expanded mobile market into China
  - Auth with core products, token cache service written in scala/play, python/flask
- IaC using terraform.io, Google Cloud Platform, chat bot integration. drone.io for CI/CD
- Multi region monitoring, redundancy, cost reduction analysis in GCP/GKE
- Log aggregation in k8s with daemonset deployment and code contribution to sumologic
- Security auditing in GKE using fluentd, stackdriver, added centralized nexus repo and CD
- Secret management, hashicorp vault implementation, fraud detection/browser fingerprinting

**AppThis FTE, Full Stack Dev / SRE**

Jan 2017 – July 2017

- AWS engineer: cost reduction AWS, reduced under utilization
- Automation with salt stack.
- Custom HAproxy scaling, request processing SLA < 100ms
- Log shipping migration to streams
- PHP + hiphop, PHP7, Java, Scala (Play)

**Century Link Contract, Full Stack Java Developer**

November 2016 – Jan 2017

- VeuxDu team member working on e911 and SpeakEasy projects.
- Java 1.8 + Springboot micro service migration and development

**Starz Entertainment FTE\*, Sr. Cloud Engineer**

June 2016 – November 2016

- Used a wide breadth of tools in AWS and local platforms such as Terraform, Consul, Nomad, Packer, Docker, Bamboo, and Ansible.
- Tasked with building a PaaS agnostic dashboard for allowing a wider spread of users to create redirects on starz.com. Dashboard built on meteor/node with an Angular2 frontend that manages a cluster of nginx servers.

**Think Tank FTE, Senior Developer**

2015 – June 2016

- Full-Stack Java developer supporting and maintaining existing hosted and installed SaaS collaboration product
- In memory database employed for contribution-based transaction shipping and long polling
- Lead on breaking product from monolith to hosted micro services
- Wide spread of technologies employed:
  - Spring Security, bootstrap, SAML2, Jetty, Install4J, Comet, Angular, GWT, .NET-interOp, Redis, ActiveMQ

## **Rocket Science Innovation, L.L.C. Founder / Contract Developer**

2006 – 2019 [remote/onsite]

- Founder of a technology development corporation.
- 13-year ongoing contract with Open Range Access.com in oil field and data telemetry
- Object Oriented Software Development with PHP, Java, Perl, JavaScript, Python
- DevOps Role of VPC setup and migration from onprem to cloud
- Hardware design, PCB, and microcontroller programming
- Satellite/RF/Cellular Communications
- Real time telemetry logging and ETL to production accounting software

## **Xilinx FTE, System Developer**

2009 – 2015

- Developed a training management system to keep track of multiple aspects of the training credit system
- Aggregated data from multiple sources for display to the sales force in a dashboard
- Internationalized online schedules, course list/description management and data collection
- Automated publish with Adobe CQ5

## **Codeeffects.com, L.L.C. Co-Founder**

2001 – 2006

- Contract development company
- Development (PERL, Java, C/C++, JavaScript, AJAX, CSS, XSLT, RSS, SH, SEO)
- Compatibility first webpage design and migration
- DevOps site and domain hosting and co-lo setup, linux administration

## **University of Colorado Web Communications FTE, Lead Developer**

1999 – 2006

- Perl, and Java applications for various departments
- PLUS and PLUS-Planner, HA and ETL, registration system development, custom generative search

## **TECHNICAL SKILLS**

<b>O/S:</b>	Linux/Unix, CentOS, Debian, Kubernetes, Docker Swarm, OSX
<b>Cloud Services:</b>	GCP, AWS, Azure
<b>Testing Tools:</b>	Headless Chrome, gatling.io, JMeter, QUnit, Selenium
<b>Build Tools:</b>	Drone, Jenkins, SBT, Ant, Maven, Gradle, Nexus/Artifactory
<b>Source Control:</b>	Git, svn; ChatOps: hubot, yetibot, atlantis
<b>Programming:</b>	Python, Perl, Java8, Javascript, golang, C/C++/#, scala .Net, MVC, PHP, Ruby, embedded-VB, CSS, bash/zsh
<b>Deployment:</b>	Docker, Install4J, Ansible, Salt, Puppet, Packer, terraform, terragrunt
<b>Frameworks:</b>	Play, Flask, Spring, Sencha, jQuery, hipHopVM, GWT, D3.js, Highcharts, Hibernate, MyBatis, ActiveMQ, LaravelPHP, CakePHP, ZendPHP, FuelPHP,
<b>Servers:</b>	Nginx, Apache, Jetty, Tomcat, Node, Comet, IIS
<b>Databases:</b>	PostgreSQL, MySQL, Mongo, Cassandra, Elasticsearch, BigQuery, Big Table, Spanner, Redshift, RDS, PL/SQL, MSSQL, Flyway migration
<b>ETL/BI:</b>	R-Project, Talend, Spark, POSIX RegEx
<b>Other:</b>	Hashicorp Vault, MVC/MVVM, LAMP, MEAN, Hadoop, VirtualBox, VMWare, Parallels

## **EDUCATION**

### **University of Colorado at Boulder**

Aug 1999 – May 2004

Bachelor of Computer Science

June 2005 – December 2005 *incomplete*  
*BS in Mechanical Engineering*

### **General Assembly**

Oct – Dec 2019

Data Science in Python

### **Regis University Denver**

Aug 2020 – Present

Master of Data Engineering

### **Professional Development**

Project Management Professional Certification PMI.org

- Coursera
  - Computing for Data Analysis
  - Data Analysis and Statistical Inference
  - Programming Mobile Applications for Android
- Udemy
  - Leadership Masterclass
  - 80/20 Product Ownership