

Motivated 20-year developer 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.

ebay *FTE, Site Reliability Engineer*

July 2017 – Present New Product Division, Infrastructure Tribe

- Expanded mobile market into China
- OAuth with core products, token cache service written in scala/play, python/flask
- Infrastructure as code using terraform.io, Google Cloud Platform, chat bot integration
- golang drone.io for CI/CD, Docker, Kubernetes
- Multi region redundancy, cost reduction analysis in GCP
- Multi monitoring with Prometheus/AlertManager
- Migrated logging to daemonset deployed sumologic collector
- Security auditing in GKE using fluentd and stackdriver,
- Secret management, hashicorp vault implementation, fraud detection/browser fingerprinting
- Setup centralized maven repository and migrated CD

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 – Present

- Founder of a technology development corporation.
- 11-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 to the cloud
- Hardware design and microcontroller programming
- Satellite/RF/Cellular Communications
- Real time telemetry logging and ETL to accounting

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 CQ5

Codeffects.com, L.L.C. Co-Founder

2001 – 2006

- Contract development company
- Development (PERL, Java, C/C++, JavaScript, AJAX, CSS, XSLT, RSS, SH, SEO)
- Web page and graphic design
- DevOps site hosting and co-lo setup, Unix/Linux Administration

University of Colorado Web Communications FTE, Lead Developer

1999 – 2006

- Developed and maintained a variety projects mostly Java, JavaScript, Perl, and ActionScript
- Modified existing applications to adhere to new standards and technology
- Absolute browser compatibility
- High availability student online registration system
- Created CGI programs to interface with a variety of applications.
- Experienced in format manipulation ETL
- Generative flat file search engine to fit deployment requirements

TECHNICAL SKILLS

O/S:	Linux/Unix, Kubernetes, Docker Swarm, OSX
Cloud Services:	GCP GKE, AWS EKS, Azure
Testing Tools:	Headless Chrome, gatling.io, JMeter, QUnit, Selenium
Build Tools:	SBT, Ant, Maven, Gradle, Nexus/Artifactory, Jenkins
Source Control:	Git, SVN, Mercurial, hubot, yetibot, atlantis
Programming:	Python, Java8, Javascript, golang, C/C++/#/Dynamic/Objective, scala .Net, MVC, Perl, PHP, Ruby, VB, HTML5, CSS3, shell scripting
Deployment:	Docker, Install4J, Ansible, Salt, Puppet, packer, terraform
Frameworks:	Play, Flask, Spring, Sencha, jQuery, hiphopVM, GWT, D3.js, Highcharts, Hibernate, MyBatis,
Servers:	ActiveMQ, LaravelPHP, CakePHP, ZendPHP, FuelPHP, Apache2, Jetty, Tomcat, Node, Comet, Nginx, IIS
Databases:	PostgreSQL, MySQL, BigQuery, Big Table, Spanner, Redshift, RDS, Mongo, PL/SQL, MSSQL, Flyway migration
ETL/BI:	R-Project, TalenD, Spark, POSIX RegEx
Other:	MVC/MVVM, LAMP, MEAN, VirtualBox, Hashicorp Packer, VMWare, Parallels

EDUCATION

University of Colorado at Boulder

Aug 1999 – May 2004

BS in Computer Science

June 2005 – December 2005 *incomplete*

BS in Mechanical Engineering

Professional Development

- Project Management Professional Certification PMI.org
- Computing for Data Analysis
- Data Analysis and Statistical Inference
- Programming Mobile Applications for Android
- Leadership Masterclass udemy.com