

JERRY W. JACKSON

Secure Infrastructure Specialist

📞 737-346-2776 @ jerry.w.jackson@gmail.com 📍 Austin, TX

EXPERIENCE

Founder & CEO

A Committee of Lunatics

📅 2010 - Ongoing 📍 Austin, TX

Creating real working solutions for real world problems

Senior DevOps Engineer @ IBM

American CyberSystems Group

📅 2018 📍 Austin, TX

Bash, Python, Ruby

- IBM Watson/Cloud Platform - Storage Tribe & Monitoring Squad
- Building and maintaining monitoring dashboards for the available cloud products

Architect & Lead Developer

Contract: Contact Sergeant Inc.

📅 2015 - 2017 📍 Austin, TX

Google Cloud Platform, Git, Python, Ruby

- Designed all aspects of a Gmail Contact and Contact Groups Manager for business users
- Led a team of three developers in building and deploying our product to Google Cloud Platform

Designer

Project: kowm

📅 2015 📍 Austin, TX

C++, Python, Ruby

- Designed a Ruby Build Environment associated with kowm
- Developed a suite of libraries that support the building of modular X apps
- Created new X Window Manager using these frameworks

DevOps Engineer

Contract: RackSpace Technology

📅 2014 📍 San Antonio, TX

Git, Chef, Openstack, Python, Ruby, Salt

- Modified existing software to correct errors, to adapt it to new hardware, or to upgrade interfaces
- Developed direct software system testing and validation procedures
- Coordinated project status, proposals, and software system design and maintenance with multiple departments

Architect & Lead Developer

Project: tumen_miner

📅 2013 - 2015 📍 Austin, TX

Java, JavaScript, Python, WebCL, XML

- Open source Bitcoin miner based on krad_miner
- Ongoing development to allow embedding of voluntary pooled Bitcoin mining
- Developed apps to take advantage of background mining via idle GPU processes

Subject Matter Expert & Chef

Contract: US Department of the Treasury

📅 2013 - 2014

Berkshelf, Chef, Git, Maven, Ruby, Tomcat, Vagrant

- Trained Financial Management Service staff on the proper use of Ruby with Chef automation tools
- Analyzed existing software to determine, recommend, and plan modifications and installation of a new system

CERTIFICATION

CompTIA A+


CompTIA Network+

CompTIA Security+

CompTIA Secure Infrastructure Specialist - CSIS

CompTIA IT Operations Specialist - CIOS

FIND ME ONLINE

 /jerrywjackson

SKILLS

cloud computing	linux	git	aws	
ruby	python	c++	bash	
network security	javascript	vpn	dns	
network architecture	shell scripting			
debugging code	free bsd	chef		
linux clustering	vnc	x86	x86_64	
couch db	raid	bitcoin	mips	zfs
ipsec	disaster recovery	arm	dhcp	
storage	power pc	ironfan	agile	
database administration	web development			
android development	system administration			

SUMMARY

I am always ready to learn something new. In fact, the pursuit of knowledge I don't yet possess is one of my driving factors in daily life. How can my skills and experience help you and your company assist me in learning even more?

EXPERIENCE

Developer

Contract: Infochimps

📅 2012 - 2013 📍 Austin, TX

AWS, Chef, IPSEC, Ironfan, Ruby

- Designed a Chef cookbook for building a VPN server in AWS VPC using Ironfan
- made various code contributions to the rest of the Ironfan networking code

Developer

Project: VyncUp (TDHP Event List)

📅 2010 - 2011 📍 Austin, TX

Python, CouchDB, HTML5, JS jQuery, node.js, backbone.js, underscore.js

- A massively searchable NoSQL event database
- Developed non-flash browser-based file upload system for internal project use
- Created automated email daemon using CouchDB's changes feed
- Set up, deploy, and maintain backend for distributed version control system and Java-based web app and CouchDB instance

Operations Manager

PicturEngine

📅 2009 - 2013 📍 Austin, TX

- Owned and managed all specs related to hardware or infrastructure within the organization
- Setup, deployed and maintained multiple CentOS 5.3 co-located servers and Cisco PIX 501 Security Appliance
- Migrated to and maintained RackSpace cloud infrastructure