

MIKE HOLZINGER

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Languages: Ruby, C

Scripting: Python, Shell/Bash

Cloud platforms: Bluemix, SoftLayer, OpenStack, OpenVZ

Automation: Chef, Ansible, Jenkins

Monitoring: Zabbix, Sensu, Nagios, ELK

Extensive knowledge: AES, PKI

IBM

IBM Global Managed Cloud:

2017 - Current; Software Engineer

Chef/Ruby automation Redhat Linux/Centos

Projects:

- SAP HANA - From managed to completely automated
- Fully automated Github (Ruby/REST) for Gitflow model (ask me how!)
- Chef automated metrics collection for real time inventory and auditing

IBM BLUEMIX OBJECT STORAGE:

2016 - 2017; Object Storage & Operations Engineer

Object Storage deployment and operations for international Cleversafe / Tier 2 On-call

Tools used:

- Monitoring: ELK, Sensu, Flapjack, Pagerduty (escalation)

Tools built:

- Inventory and automatic system rollout (ansible)
- User account creation and client audit (ansible/python)

IBM BLUEMIX OPENSTACK:

2015 - 2016; Openstack Operations Engineer

Linux Operations engineer for OpenStack hosted cloud services.

Leadership: 1st Shift operations Lead

- Orientation and onboarding for new hires
- Training lead to sysadmins and new operations engineers

Operations: Cloud deployment builder for Bluemix Local and Bluemix Cloud
Deployment build: OpenStack on SoftLayer

BLUE BOX GROUP

2014 - 2015; Linux Operations Engineer

Linux Operations engineer and DevOps role for OpenVZ hosted cloud services.

Service owner: HAProxy (load balanced services), Internal CA, Corporate bastion/authentication gateway.

TOWNSEND SECURITY

2007 - 2013; Software Engineer

Lead C/C++ developer for cross platform client applications

Tools built:

- Corporate Certificate Authority for testing, demos and handling partner deployments
- Metrics testing : Encryption API IOPS / HA failover and scaling
- Consumer PKI deployment tool (SSL certificate) Windows/Linux
- Java key requestor client application for HSM
- Embedded key requestor client modules for HSM (ANSI C)

Tools used:

- Automation: Jenkins, AWS

Certifications: NIST certifications for core algorithm libraries written for Townsend Security

- AES, PRNG, SHA, HMAC, FIPS 140-2

BREAD & ROSES

2004 - 2007; Program Director

Projects:

Homeless Management Interface System

- Technology: TkInter, Python,MySQL
- Scope: Capture daily drop-in center check-ins. Compiled data necessary for grant preparation and resources monitoring

Free Computers for the newly housed

- Started ongoing computer donation program that provided computers to people transitioning from homelessness into stable housing

Responsibilities:

- Leadership to intern teams who worked directly with at-risk clients
- Grant writer for HUD McKinney grant to provide direct services for 1,000+ homeless persons in Thurston County

REFERENCES

Available upon request