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I am always ready to learn something new; in fact, the pursuit of knowledge I don't yet possess is one of the driving factors in my daily life.

With that in mind, the burning question thus becomes, "How can my vast array of skills, knowledge, and experience help you and your company assist me in learning even more?"

Technical Skills

Like: python, ruby, git, linux, hardware-infrastructure

Dislike: perl, php

Experience

Owner – a Committee of Lunatics   *August 2010 - Current*

VyncUp (TDHP Event List) - Project

[Python, CouchDB, HTML5, JS, jquery, node.js, backbone.js, underscore.js]

- developed non-flash browser-based file upload system for internal project use
- developed automated email daemon using CouchDB's changes feed
- setup deploy and maintained backend for distributed version control system
- setup deploy and maintained backend for java-based webapp and CouchDB instance

tumen_miner - Project

[JS, WebCL]

open-source bitcoin miner based on krad_miner

- ongoing development to allow embedding of voluntary pooled bitcoin mining
- developing apps to take advantage of background mining via idle gpu processes

kowm - Project

[C++, Python, Ruby]

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

Operations Manager – Corner House Stock Photo, Inc.   *July 2008 - Current*

- maintained physical servers and software load for the following websites:
  - Corner House Stock Photo [www.cornerhousestock.com]
  - Picturesque [www.picturesque.com]
  - PicturEngine [www.picturengine.com]
- responsible for all things hardware related within organization owned and managed all specs related to hardware or infrastructure within company
- setup, deployed and maintained 10+ CentOS 5.3 colocated servers
- setup, deployed and maintained Cisco PIX 501 Security Appliance
- maintained RackSpace cloud infrastructure
- designed current backup strategy for both physical and cloud systems
- currently developing archiving support for PicturEngine using Amazon Glacier

Network Operations Manager – Century Subsidiaries   *February 2008 - August 2010*

- designed and administered the corporate build environment in Python
- performed Quality Assurance testing on flagship software package
- designed and developed existing online help documentation for CenturyABS
- managed all server and client systems in a MS Windows-centric network
- responsible for daily operation and maintenance of an Avaya PBX system
- handled customer specific issues for deploying and integrating software solutions.

Managing Director, Operations – Pet 4 Pets, Inc.   *November 2003 - July 2007*

- oversaw all daily operations of a 501(c)3 non-profit organization
- was responsible for all daily IT operations as part of normal workload
- designed and developed organization's public-facing website
- setup, deployed, and maintained database of all provided animal care and all adoption records
- managed receiving and disbursement of all in-kind donations to organization

Lead Student Programmer – State of California - Department of Health Services - Toxic *June 1984 - September 1984*
Substance Control Division - Procedures and Regulations Development Section

- Trained and managed four other student programmers as team lead
- Responsible for developing and maintaining new and existing code in Assembly language on a Motorola IV-Phase mainframe.
- Implemented new user interface designs for the existing database to increase productivity.
- Prepared and submitted detailed reports to other state agencies; including the governor's office

Projects & Interests

GitHub - artifacts – https://github.com/acommitteeoflunatics/artifacts   *January 2013 - February 2013*
couchdb, python, ruby

Artifacts /ˈärtəˌfakts/ are generally something you find when you're searching. These artifacts are things I found I wanted to do; but there was no available tool at the time; so, I rolled my own.

I designed and developed artifacts; and I currently manage the project

GitHub - kowm – https://github.com/acommitteeoflunatics/kowm   *January 2013*
c++, lua, ruby, xcb

kowm (/kom/) never wanted to be anything more when she grew up than the only X window manager that even I would take home to Mom.

I created kowm, designed all of the core concepts and manage the project.

GitHub - ironfan – https://github.com/acommitteeoflunatics/ironfan   *September 2012 - January 2013*
ruby

Chef orchestration layer -- your system diagram come to life. Provision EC2, OpenStack or Vagrant without changes to cookbooks or configuration

- coded support for Elastic IPs; both standard and VPC varieties

GitHub - ironfan-homebase – https://github.com/infochimps-labs/ironfan-   *February 2012 - February 2013*
homebase
ruby

Skeleton homebase for Ironfan and Chef -- use this to hold your clusters, cookbooks and stacks

- wrote the Strongswan cookbook

GitHub - tumen_miner – https://github.com/acommitteeoflunatics/tumen_miner   *December 2011 - January 2013*
bitcoin, opencl

An experimental BitCoin miner, which uses WebCL for pooled block calculations.

- I made some code contributions to upstream