Summary

I first learned to code in Perl way back when Netscape Navigator was still a thing, not the ideal choice for a first language but I did it anyway. My first Linux distribution was Red Hat, which I got from Walnut Creek CD-ROM and swiftly developed a dislike for in favor of first Slackware, then Gentoo, and more recently Ubuntu.

School was always a tremendous waste of time for me; I dropped out because I don’t like being told what to study and all I really wanted to do was work with computers and hopefully make a living at it one day. I’ve been fortunate enough to live out a number of my dreams; becoming a computer programmer and systems administrator was one of them and as they say the worst day programming is better than the best day working.

Even so I have been in the habit of short-term contracts on account of I place a high value on novel problems. I go to work in order to work because I love the work and when I run out of work I get bored and find a new place to work. Which is how Gahan Corporation started since it means I can be working for several clients at once and therefore never run out of novel problems. My main technical interest these days is in reducing total cost of ownership for cloud services without degradation of service or loss of data.

Skill Set

Operating Systems: Linux (Red Hat Enterprise, Ubuntu 14.04 / 16.04), FreeBSD, MacOS

Programming Languages: Python, Bash, Yaml, Javascript, XML, Ruby, HTML, CSS, Scala, PHP

Databases: PostgreSQL, MySQL, MongoDB, DB2, MSSQL, NoSQL

Development Tools: Maven, Scala Build Tool, Django, Web2Py, Vim, Git, Documentation, Encryption

Distributed Technology: Ansible, Docker, EC2, ECS, S3, Route53, Vagrant, Spark, Hadoop

Server Technology: NGINX, uWSGI, Postfix, Dovecot, Courier, Apache 2, Systemd, Upstart, New Relic, SMTP, IMAP, HTTP

SDLC: Agile, SCRUM, Git, Branching Models, Sprint Planning and Review, Commit Cycles

Quality Assurance: Code Review, Automated Testing, Jenkins, Sonar, Crucible, Pull Requests

Experience

**Chief Financial Officer** for *Gahan Corporation* in Torrance California from May 2016 to Present

* Founded the LLC and currently in the process of converting into a general stock corporation.
* Created an administration that enables my colleagues to operate more efficiently by enabling empowerment and action by making use of the better to ask forgiveness than permission philosophy.
* All company data is encrypted then stored in multiple distributed locations, which prevents loss or theft of data even in the case of stolen hardware.
* Fulfill company technical requirements including, but not limited to: email services, website, system updates, security, software development and documentation.
* I also do the accounting and various other administrative tasks to maintain regulatory compliance.

Tools: Docker, Ansible, Linux, Bash, PostgreSQL, GPG, AWS (EC2, ECS, ECR, S3), GAAP

**Information Technology Consultant** for *Abiogenix Limited Liability Company* in San Francisco California from August 2014 to Present

* Deployed and supported Abiogenix web infrastructure from concept through product launch.
* Developed a simple e-commerce store with Django and Stripe to allow sale of Abiogenix products.
* Integrated Abiogenix e-commerce site with Odoo ERP system.
* Migrated Abiogenix project management infrastructure using Atlasssian tools such as Bitbucket, JIRA, Confluence, and Crowd to enable ISO compliance.
* Established development and deployment procedures to allow for easy maintenance of Abiogenix web infrastructure.
* Transferred Abiogenix domains to AWS Route 53 and ensured minimal downtime during the domain transfer from the previous provider.

Tools: Ansible, Docker, EC2, GPG, ECS, S3, NGINX, uWSGI, BASH, Linux (Ubuntu), Apache, PostgreSQL, Python, Django

**Cloud Architecture Consultant** for *Creative Artists Agency via*

*Boon Staffing* in Los Angeles California from September 2015 to March 2016

* Cut through red tape to consistently improve stability and efficiency of mission critical systems.
* Refactored existing Ansible playbooks to take advantage of Ansible modules and allow for easier management via the Ansible Tower web interface.
* Automated provisioning of AWS resources via Ansible in Tower and on the command line to administer cloud resources.

Tools: Ansible, Ansible Tower, Linux (Ubuntu), NGINX, uWSGI, Python, git, Jenkins, Web2Py

Experience Continued

**Build Manager** for *Toyota Motor Sales via KUH Associates* in Torrance California from April 2015 to July 2015

* Responsible for the maintenance of the Customer360 project Bitbucket repository including branch management, pull requests, releases, and administrative tasks.
* Trained a team of 22 developers in the use of git on the command line as well as the git ow branching model.
* Offered guidance and instruction to developers on the proper use of git to resolve merge conflicts, documented the development process as thoroughly as possible.
* Deployed a Jenkins / Spark / Hadoop cluster to enable automated builds of all projects contained in the Customer360 Bitbucket repository.

Tools: Linux (RHEL, Amazon Linux), Jenkins, Spark, Hadoop, git, Bitbucket

**Lead Cloud Architect** for *Toyota Motor Sales via KUH Associates* in Torrance California from January 2015 to July 2015

* Reduced deployment time for key Customer360 infrastructure by a factor of 15 (from three weeks to one day) with Ansible.
* Automated deployment of all resources related to my work as the Lead Python Developer.
* Created system services to run on Red Hat Enterprise Linux 7 servers to control execution of key portions of the Customer360 project.
* Managed Amazon Web Services for the Customer360 project including configuration and deployment of all required infrastructure, administrative tasks, and budgeting.

Tools: Linux (Red Hat Enterprise Linux, Amazon Linux), Ansible, Bash, git, yaml

**Lead Python Developer** for *Toyota Motor Sales via KUH Associates* in Torrance California from December 2014 to July 2015

* Wrote a coding standard and development process for integrating git commits and JIRA issues.
* Trained a team of o shore developers in the use of git, and git flow.
* Used Python, Scrapy, MongoDB, and bash to engineer software that scrapes the web for information relevant to Toyota’s business purposes.
* Identified and removed redundancies within the project.
* Authored and presented to management an A3 proposal for streamlining the build process for the entire project.
* Ran daily scrum meetings and maintained a storyboard for the Customer360 project.

Tools: Linux (RHEL, Amazon Linux), Jenkins, Spark, Hadoop, git, Bitbucket

**Chief Technical Officer** for *Mintspare Incorporated* in Alameda California from February 2014 to November 2014

* Administered databases, responsibilities including prevention of data loss as well as schema development.
* Deployed all company infrastructure, automated server configuration with Ansible and implemented load balancing with HAProxy.
* Developed Mintspare, Inc websites (<https://www.mintspare.com>, https://blog.mintspare.com) using both CakePHP and non-frameworked PHP as well as jQuery.

Tools: Linux (Ubuntu), LAMP, HAProxy, HTML5, CSS3, PHP 5.5, Git, Ansible, Python

**Analyst and Email Administrator** for *Video Secrets Media* in Calabasas California from August 2013 to December 2013

* Collected and analyzed data on email marketing campaigns to improve the performance of email servers and content.
* Deployed a Cassandra cluster for testing of NoSQL in a live environment.
* Planned and implemented new elements of the email system, such as a centralized template store and server control administration.
* Was solely responsible for the development, maintenance, and troubleshooting of email system scripts and admin interface, a code base of roughly 60,000 lines.

Tools: Linux (Ubuntu), LAMP, HTML5, CSS3, PHP 5.5, Sadly I’m Subversion, Python

**Web Developer and Systems Administrator** for *Thrive Marketing* in Nashville Tennessee from April 2013 to July 2013

* Developed internal products to improve efficiency of call center and sales operations using PHP, JavaScript, jQuery, JSON, REST, and SOAP.
* Installed and configured several different linux servers running Ubuntu, CentOS, and Gentoo as well as a number of Windows 7 workstations.
* Implemented git and git flow for source code control and provided training to other employees on its use.
* Created data models for two internal software projects in addition to extensively documenting code.

Tools: Linux (CentOS,Ubuntu,Gentoo), LAMP, HTML5, CSS3, PHP 5, Git, Gitflow

Experience Continued

**Web Developer and Systems Administrator** for *WishB Limited Liability Company* in San Francisco California from July 2010 to September 2010

* Used a homebrew MVC to program the front end website for the GlobWorld application.
* Developed dynamically loading images using css and jquery.
* Used Subversion for version control of code.
* Maintained and configured the development webserver for use in development of GlobWorld frontend.
* Provided data structures for use in GlobWorld database.
* Coded user profiles for GlobWorld application
* Contributed to daily SCRUM meetings to provide status updates and request resources.

Tools: Linux, Apache, MySQL, PHP, XAMPP, CSS3, JavaScript, HTML5, Subversion, jquery.

**Web Developer and Systems Administrator** for *Logitech* in Berkeley California from April 2008 to April 2010

* Used Dojo.js JavaScript framework to develop the Sightspeed video chat application.
* Translated management requirements into new features.
* Used Object Oriented Programming (OOP) with JavaScript.
* Conducted extensive testing of code for use in enterprise software.
* Provided support for the movement of more than twenty servers to a new data center.
* Supported deployment of Gentoo Linux servers with appropriate software and configuration.

Tools Used: Gentoo Linux, Apache, MySQL, AJAX, Dojo.js, HTML5, CSS3, LAMP

**Web Developer and Systems Administrator** for *Blowtorch Entertainment* in Sausalito California from November 2007 to March 2008

* Created custom Drupal modules for use on the Blowtorch Entertainment video website.
* Designed and created new tables in PostgreSQL database.
* Configured Apache on CentOS development server and deployed that dev server for use of other members of the team.
* Checked PostgreSQL database for errors and ensured proper quality of data.

Tools: Drupal, PHP, PostgreSQL, Apache, JavaScript, HTML, CSS

**Database Administrator** for *Vinyl Interactive* in San Francisco California from June 2007 to November 2007

* Used Linux command line tools and BASH scripting to automate database imports of three to four hundred thousand rows per day.
* Administered and maintained several hundred million line MSSQL and MySQL database servers.
* Configured, installed, deployed, and administered a Storage Area Network to support a proprietary mass email system.

Tools: BASH, Linux (CentOS), MySQL, MSSQL, SAN, Vim

Education

**Kindergarten Diploma** from *Broadmoor Elementary School* in Lafayette Louisiana on May 31st 1989

Interests and Hobbies

It used to be that I could count accounting and economics among my hobbies, but since I’ve taken on the duties of a CFO that is no longer the case for at least accounting. I continue the study of economics if only for the amusement provided by the utter lack of interest in facts apparent in most economists. My favorite living economist is Ha Joon Chang, who is a British economist at Cambridge. I spend most of my free time reading either classic literature or really thick books for propeller head nerds of a caliber rarely seen in public. My latest interest is law, so I have embarked on the project of reading all of the codes of the California Legislature, starting with the Corporations Code, of course.

Mental and physical fitness are almost the same thing, so in addition to my hobby of studying everything that might be useful I also study the processes of building strength and endurance while maintaining a vigorous and very specific program of exercise. I am a big fan of Mark Rippetoe and most of my strength training comes out of his thought. Finally, I love boxing, and enjoy a few rounds of sparring whenever I can talk anyone into stepping into the ring.

Thanks for reading if you got this far.