Wendi Whitsett

Coder/systems engineer with 18+ years of experience. Built and supported stacks of hardware/software from OSI layers one through seven.

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EXPERIENCE

Google, Cambridge, MA/Austin, TX— *Developer/Ops Engineer*

APRIL 2012 - 2013

The majority of my time with Google (as my prior company, ITA Software, was purchased by Google) was spent assisting in the smooth transition of the existing Python code base into Google "readability" format.

ITA Software, Cambridge, MA— *DevOps/SRESysEng III/4*

APRIL 2004 - APRIL 2012

My overarching directive was identifying repetitive internal tasks within both the operations and customer code base then designing and implementing frameworks with which to automate these tasks.

- Created staging environment to insert post-QA, pre-production, software upgrades in a highly-automated workflow using homegrown Python as framework (ultimately Twisted).
- Wrote a Web2Py interface and backend support scripts for our internal Quality Assurance team. This ultimately saved them time by providing a seamless portal to data to which they previously only had manual access.
- Built highly available, fault tolerant data caches/proxies. This was done using a combination of Squid, Apache, hardware VIPs, MySql and homegrown Python clients.

I.T.W.W. Consulting, Boston— *Owner*

APRIL 2003 - FEBRUARY 2004

I ran my own company for a year, focusing most of my time on building out a stable infrastructure for a VC funded financial software firm.

- In order to lower the cost of production build-outs, as well as the growing development environment, I migrated my customer from a Solaris/Sun based architecture to a generic/Linux one, seeing lower cost of maintenance and production.
- Through using open source operating systems and application servers, we were able to lower the total cost of the product thereby allowing our client to be more competitive in the marketplace.

I.T.W.W. Consulting, Boston— *Systems Admin*

APRIL 2003 - FEBRUARY 2004

- Provided stable production environment for the sales force to use while building staging arena for demoing the product. Continued to analyze and improve upon weak parts of the system from layer 3 to 7.
- Worked with our financial data providing vendors, such as Reuters, to integrate daily fresh data into the internal systems.
- Help manage source control by way of ksh scripts, XML, Ant and CVS.

SOFT SKILLS

Independent project completion

Time management

Leadership

Assimilate new technologies

EDUCATION / CERTIFICATIONS

Truckee Meadows Community College
Reno, NV — *Assoc. CS*

1989-91 (incomplete)

Advanced Python Certification

LPI Certified

Algo Expert Certified
(in Python)

Sendmail/DNS Certification

LANGUAGES / TECHNOLOGIES

Python
Javascript
Bootstrap/CSS/HTML
Django
Perl
C++
MySQL/PostgresQL/flat/relational
Web2Py
PHP
Various LAMP stacks