



Pat Padgett

Technology Professional



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Summary

Technology professional with 20+ years experience.

Key achievements :

- Slashed costs by utilizing in-house talent to develop technical solutions that were consistently delivered early.
- Recovered millions of dollars of potentially lost revenue by manipulating corrupted or mangled data files.
- Key contributor to multi-million dollar software projects.
- Inspired team members to be creative with problem solving, aimed at simplicity, and curious of complexity.

CAREER
EXPERIENCE



September 2016
August 2015

codesigned • Atlanta, GA
Software Engineer

Responsible for the development of several Microsoft SharePoint products. Assisted with the troubleshooting of existing customer installations. Performed load and unit testing. Designed and maintained customer infrastructure; on premises and Azure including site-to-site VPN and routing.



March 2015
June 2001

Sprint Corp • Overland Park, KS
System Administrator, DevOps, Developer

Managed Sprint's production billing mediation systems. Made recommendations for hardware and software purchases. Conducted systems analysis and development to keep systems current with changing technologies. Defined, analyzed and reviewed requirements prior to delivery to vendors. Reviewed technical specifications. Assisted with testing of software deliveries in lab. Production and testing environment consisted of approximately 50 blade servers running RedHat Enterprise Linux. Additional support systems running CentOS and Ubuntu. Performed OS patching, security scans and vulnerability testing.

- Selected by management to participate in billing mediation replacement project. Defined requirements, created RFP, scored all RFP responses, participated in vendor demonstrations (live and lab), and selected vendor.
- Successfully led a large scale project to replace Sprint's legacy billing mediation system, Marconi's CEOS, with Openet's FusionWorks product.
- Subject matter expert on Sprint business rules and vendor data formats. Performed highest tier troubleshooting and analysis of issues related to the billing mediation system.
- Developed tool to translate business rules for sharing with vendors using Perl Parse::RecDescent module.
- Designed and developed application (Python) that routes data records to multiple downstream applications resulting in a \$2 million savings versus a vendor provided solution.
- Implemented configuration management system using Ansible and Gitlab resulting in a significant decrease in work errors and time to deploy changes.
- Deployed and maintained ELK (Elasticsearch, Logstash, Kibana) stack and HP OpenView for monitoring several billing mediation platforms. Decreased average time to resolution for actionable alarms by 50%.
- Increased the processing rate of SMS billing 2.5x by developing (Perl) a method to distribute billing records across a parallel set of billing processors (round-robin).

CAREER
EXPERIENCE

SKILLS
TECHNOLOGIES

OPEN SOURCE
PROJECTS

2009
2003 CyberRazor LLC • Prairie Village, KS
Owner

Projects included :

- FastTrack, a web based celeration chart application for educators
- Healthcare Cost Report Information System data analysis for a tax firm
- Website development for a number of small businesses

Languages Python, Perl, Ruby, C, C#, Javascript, shell scripting (zsh, bash, ksh)

Software Ansible, Git, nginx, Django, Rails, HP Openview (OVO/OMU), Elasticsearch, Logstash, Kibana, RedHat Satellite

Databases PostgreSQL, SQLite, MySQL, Oracle

Operating Systems Unix, RedHat Enterprise, CentOS, Debian, Ubuntu, HPUX, Solaris, Windows Server

Volume Management Linux LVM, Veritas Storage Foundation, HP LVM

Clustering RedHat Cluster, Veritas Cluster Server, HP ServiceGuard

Virtualization KVM, OpenVZ, LXC, VMWare ESX

Cloud Azure, Openstack, AWS

corkscrew • tunnel SSH through HTTP proxies

"The right tool for tunneling SSH through a proxy like Squid, Gauntlet, CacheFlow, Junkbuster, or Apache mod_proxy is Corkscrew. Why? Because the name corkscrew is well chosen, and because the program author introduces himself like this: "My name is Pat Padgett. I'm a dork." In my experience, such laconic people are great programmers." Charly Kühnast, Linux Magazine, Issue #166/2014