

- Summary**      **Seeking a hands-on leadership role for System Engineering in a production UNIX environment.**
- Proven Linux/UNIX Engineer / Architect
  - Project management skills
  - Team Leadership: 1-5 ICs; staffing, planning, resource allocation, budget management, etc
- Experience**      *12/2007 – Present*      *Yahoo!*      *Santa Clara, CA*
- Principal Service Engineer; Senior Manager, Service Engineering**
- Team-building, planning, etc
  - Integration with many development teams, QA, and existing support structures at Yahoo!
    - Architectural and design reviews
    - Performance testing and certification
    - break/fix and RCA
  - Day-to-day operation of 1k+ hosts, 10k+ QPS
  - Integration of existing and development of new operational tools and processes
  - **50+% hands-on contribution including 12x7 on-call**
- 9/08-present:** Managing the serving operations team for an acquired advertising product:
- 5 direct reports in US (Santa Clara, NYC, OR), plus a manager + team in Bangalore
  - Repair and grow a struggling serving platform
  - Deployment, scaling, and day-to-day operation of 10k+ hosts, 100k+ QPS
  - **Technical lead and primary contributor for the design, testing, integration, and deployment of an L7 load balancer and worldwide network rearchitecture**
- 12/07-9/08:** Managing the serving operations team for a new product:
- 6+ direct reports in US (Burbank and Santa Clara), plus a manager + team in Bangalore
  - Deployment of a global serving platform for Yahoo!'s new ad products
  - Day-to-day operation of 1k+ hosts, 10k+ QPS
  - **Technical lead and primary contributor for integration and deployment of a proprietary in-memory data service**
- **Technologies:** RHEL, Perl, shell scripting, custom system management and monitoring, large-scale data center, Foundry SLB
- 4/2005 – 12/2007*      *MobiTV, Inc*      *Emeryville, CA*
- System Engineer, Office of the CTO**
- Managing several new projects for the CTO's office:
- New datacenter planning
    - Restructured network, servers, Operations teams
  - RFP for Encoders, Digital Asset Manager
- Data Center Manager**
- In addition to ongoing SA duties, leads a team of 3-5 engineers and 2 outsourced management partners for worldwide data center operations.
- **Technical lead and primary contributor for production Linux operation; secondary for production network operation**
  - Deployed the new offsite data center
    - Vendor, hardware, and software selection
    - Hardware and software installation and integration
    - Deployment of HA gigabit network, border to all servers (500, capacity for 1000)
  - Staffing and management of the DC team

**Sr. System Administrator**

Production System Admin / Architect for ~ 200 RHEL 3 servers in the US and UK. On a team with 4 other SAs for on-call rotation, as well as primary role for redesigning and deploying a new production data center.

- \$multi-million budget for scaling production services
  - Projected 900+ server environment
  - Projected savings of \$5mm - \$10mm over 2 years
- Supporting worldwide production services
- Developed and deployed deep service monitoring using Cricket, Nagios

**Technologies:** *Red Hat Enterprise Linux*

4/2004 – 4/2005

*Data Return, LLC*

*Pleasanton, CA*

**Outside Sales Engineer**

Solution Architect / Sales Engineer supporting 7 District Sales Managers in the Western US.

- 50% travel; remote employee reporting to Dallas, TX
- Customer-facing interaction including design, recommendation, negotiation, and evaluation
- Migration of production facilities to Data Return's managed services
- Consolidation of existing servers and services
- **Technologies:** *Sun & Solaris, HP with Windows 2003, Red Hat Enterprise Linux*

6/2001 – 4/2004

*OpenTV*

*San Francisco, CA*

**Senior Systems Architect**

Responsible for all aspects of a 150+ server environment using Solaris. Cover day-to-day administration of production and development systems, as well as design and deployment of additional facilities, products, and systems.

- Direct administration of 100+ development, 50+ production Solaris servers
- Design and Management of the production Data Center
- Cut purchasing and licensing costs more than 30%
- Implemented production system policies:
  - Automated monitoring and alerting (SNMP, Cricket, Netsaint)
  - Tape backups and data archival (Solaris, Oracle)
  - System security (Solaris)
  - Redundant disks (Solaris Volume Manager, RAID)
- 24x7 support of production systems
- Performance tuning
- New vendor and hardware evaluation and purchasing
- **Technologies:** *sendmail, Apache, Cricket, Netsaint, SNMP monitoring, Perl, shell scripting, NIS/NFS, DHCP, DNS*

5/2000 – 5/2001      Taos, Inc.      San Francisco, CA

**Senior UNIX Consultant**

As a consultant, assigned to several companies to fill roles as needed. As a Senior representative of Taos, responsible for writing and presenting training materials, in both a presentation and a classroom one-on-one format.

**Sr. Consultant**

- Created and presented internal training materials for network programming, UNIX system administration, documentation
- New vendor evaluation and partnership negotiation

**Sr. Systems Engineer** for a large production server environment (150+ NT servers)

- 24x7 support
- Operations Management
- Automated monitoring and alerting
- Oversight of a large off-site data center

**Sr. Systems Architect** for a production web site (redundant web, application servers, database, network hardware)

- 24x7 support
- Performance Tuning
- System and Network Security
- Implemented Automated alerting and reporting (Big Brother)
- Implemented automated database backups (Oracle + shell scripts)
- Implemented redundant network (Foundry), web (FreeBSD/Apache), application servers (Solaris/WebLogic)

8/1998–5/2000      Florida State University      Tallahassee, FL

**Senior UNIX Administrator**

- Solaris, IRIX, FreeBSD, Linux in lab environments
- Full-time MBA student

6/1997-8/1998      Software Productivity Solutions      Melbourne, FL

**Software Engineer**

- SBIR-funded R&D with Java

8/1996-6/1997      Technologic, Inc.      Atlanta, GA

**Software and Support Engineer**

- Customer support, development in C
- Full-time student

**Education**

2000      Florida State University      Tallahassee, FL

**Master of Business Administration**

1997      Georgia Institute of Technology      Atlanta, GA

**Bachelor of Science in Computer Science**