

Kirk W. Bauer

(623) 337-5996

10001 W Potter Dr, Peoria, AZ, 85382

(480) 452-9153

kirk@kaybee.org

Objective Position as a Manager and/or Architect in the field of Software Engineering and/or Information Technology (IT).

Summary of Qualifications I am an experienced hands-on manager with extensive technical background and global Fortune 500 experience. I have managed teams of as many as twelve software engineers and systems administrators. I have seven years of experience with technical hiring, performance reviews, employee compensation, and other people management duties. I also have significant experience at all stages of the development lifecycle (as a manager, project manager, and developer) including requirements gathering, specification, architecture, testing, documentation, training, and maintenance. As a project manager I am able to utilize the talents of my team to come up with accurate estimates and I finish a large majority of my projects on-schedule and on-budget using techniques such as proactive problem identification. I also have a broad range of IT experience including management, architecture, automation, and systems administration.

Computing Experience
Operating Systems: Linux, Solaris, FreeBSD, NetBSD, AIX, HP-UX, Windows
Programming/Scripting Languages: C/C++, Java, Perl, Bash, Visual Basic
UNIX-Specific Skills: NFS, NIS, BIND, Samba, Sendmail, Apache, CVS, SSH, and many others
Networking Skills: Cisco, Firewalls, Load-Balancing, DHCP, DNS, high-availability, F5 BigIP
Database Skills: SQL, Oracle Admin & Development, Pro*C, PL/SQL, MySQL Admin & Development
Web-Specific Skills: PHP, CGI, mod_perl, Mason, JavaScript, DHTML, Apache
Embedded Systems: PIC Microcontroller (Assembly & C), VxWorks real-time OS
Other Skills: ITIL, RUP, UML, DocBook/XML, L^AT_EX, Microsoft Office, Microsoft Project

Accomplishments Author of *Automating Unix and Linux Administration*, published by Apress in September 2003 (ISBN: 1590592123).

Creator and primary developer of many Linux projects used by hundreds of thousands of people throughout the world, the most popular being Logwatch, which is included in most of today's Linux distributions, including Red Hat Enterprise Linux.

Education
Georgia Institute of Technology, Cumulative GPA: 3.31
Bachelor of Science in Computer Engineering, August 2001
Red Hat Certified Engineer, September 2005
VMware ESX Management Training, June 2006
Red Hat Enterprise Deployment and Systems Management Training, June 2006

Employment History
F5 Networks, Phoenix, AZ - 2006 to Present
Senior Field Systems Engineer
- Technical half of the sales team, providing technical presentations, solution architecture, product demos, proof-of-concepts, etc.
DHL, Scottsdale, AZ - 2005 to 2006
UNIX/Linux Global Architect
- Led a virtual team of Linux administrators/architects from each datacenter and developed global standards for the use of Linux at DHL. This helped to create a more uniform environment to increase availability and decrease costs worldwide.
- Linux hardware platform and virtualization technology review and selection with a focus on determining the platform (or combination) that provides the lowest TCO.
- Designed a global systems management solution based on Red Hat Satellite Server with expected savings of at least \$3 million in the first three years. Created a Global Linux Support Team to manage the product and provide other Linux services.

- Created a blades and virtualization strategy for Linux/Windows with expected savings of \$2-\$4 million per year worldwide.
- Defined and documented global best practices for Linux in all areas including system configuration, security, and management.
- Internal consultant for numerous important projects in areas such as security, server architecture, hardware sizing, purchasing decisions, etc.
- In one case, I used virtualization technology to redesign the architecture for a large global project and reduced hardware/software costs by \$2 million.

Proficient Systems, Atlanta, GA - 2002 to 2005

Engineering Manager & Lead Architect

- Manager of the team responsible for the continuing development and support of TogetherWeb products including technical sales and product management.
- Involved in both the operations (procedures, automation, hiring, disaster recovery) and development divisions (design, architecture, development) of the company.
- Designed and managed processes for source control, configuration management, system and customer support, system upgrades and application deployment.
- Managed the creation of automated installation and administrative tools for deployment of clustered server software onto RLX ServerBlades.
- Designed and implemented a set of tools to automatically create packages directly from information in the source repository and manage the testing and deployment of said packages.
- Designed and implemented a full web interface that allows package builds, management of custom Linux distributions, and full monitoring and control of installed systems.
- Designed and implemented a set of tools to provide fully automated configuration of F5 Networks BigIP load balancing systems.
- Conceived, designed, and implemented a customized proxy server that the development and sales teams used to dynamically modify any web site to work with the Proficient product for sales demonstrations and product testing.

TogetherWeb Inc, Atlanta, GA - 1999 to 2002

Co-Founder & Chief Technology Officer

- Primary responsibility was to manage the engineering of our core product which required people management, software design, product management, project management, and technical hiring.
- Managed the design and architecture of a complex client/server collaborative web browsing application, including network communication, server architecture, database schema, etc.
- Designed and led implementation of the server side of the collaborative web browsing solution.
- Designed and led implementation of a fully self-contained Linux-based "internet appliance".
- Substantial experience in explaining technical ideas to internal management, investors, and potential customers (in a sales engineer role).
- Designed and implemented the production and development server clusters. Hired and managed the support team.
- Responsible for a budget of approximately \$1,000,000 per year.

Fermi National Accelerator Laboratory, Chicago, IL - 1999 to 2000

Software Engineering Consultant

- Solely responsible for the design and implementation of a suite of tools used to administer and monitor thousands of Linux machines at the facility.

Georgia Tech Research Institute, Atlanta, GA - 1996 to 2000

Software Engineer / Systems Administrator

- Part of a team that designed and wrote electronics warfare systems for the C-130 using Ada on VxWorks. Created a 1553-bus device simulator and logger in C on an embedded processor.
- Lead administrator of 25 Unix machines ranging from Linux to Solaris to AIX. These machines provide mail, DNS, NIS, print service, file sharing (NFS and Samba), network backup, and computational power for over 200 employees.
- Automated almost all of the system administration tasks across the machines using a custom set of administration tools.