

# Kenneth L. Mayer

dot.com veteran seeking individual contributor / team leadership position. Infrastructure services and development support a specialty. Open Source preferred, but not required.

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## Skills

- Database: Oracle, PostgreSQL, PL/SQL
- Web: Apache, HTML, XML, ADP, CGI, JSP, SSI
- Scripting: Perl, TCL, BASH, SH
- Languages: C, Java (SDK, Beans, Swing), Pascal
- OS: Unix, RedHat Linux, Debian Linux, FreeBSD, Solaris
- Dev: CVS, gdb, make, ant, gcc
- Services: DHCP, DNS, NIS, NTP, SMB, SMTP, SNMP, SSH
- Managerial: Team lead, project planner, project manager
- Security: TS/SI/TK. Last held 1996
- Physical: Diesel, Sail, SCUBA, HAM Radio

## History

### Island Divers Hawaii / March 2004 - Present / SCUBA Instructor

- Instructor, dive leader and retail sales person for Honolulu based PADI resort dive center.

### ComputeDis LLC / April 2003 - Present / Consulting

- Partner in software development and support firm.

### S/V Wishful Thinking / March 2001 - Present / Sabbatical / Sailing / Travel & Tourism

- A three year sabbatical living aboard and sailing from San Francisco to Mexico and Hawai'i. Yeah, sure it's a lot of fun, but prior to departure there were 4 years of planning, budgeting, preparation and out-fitting. During the voyage, we maintained communications via HF radio e-mail and updated our web site with travelogs and pictures

### Worldpages.com / December 1999 - February 2001 / Web Application Developer

- Oracle database backed web site (AOLserver/TCL) that provided yellow and white pages listings, among other things. At 250,000 visits per day and roughly a million database selects, the terms scalability and capacity take on a more urgent meaning
- In addition to the usual upgrades and maintenance releases, I built a version control (CVS) and distribution infrastructure: Site updates went from 3 hours to 30 minutes and allowed for incremental and "last-minute" changes between release cycles

### FreeGate / September 1996 - June 1999 / Developer / Development Support / SysAdm

- **Software developer.** Wrote C code to manage SNMP and NTP daemons. Wrote SHELL and PERL scripts for automated upgrade process. Modified TCL/TK code as well. Responsible for extension and maintenance of automated upgrade system for product
- **Build-master.** Responsible for delivery of complete system software image, on a nightly basis. This also included responsibility for maintaining and developing the source code hierarchy, educating engineers on the process and developing tools. Integrated GNATS and CVS. Heavy use of make files, shell and perl scripts
- **System administrator.** Made things go

### Synopsys / February - August 1996 / SysAdm

- Senior technical engineering for the computing systems team. Responsible for resource management of campus computing facilities. Project manager for new computer room build-out. Developed zero-based model for determining resource requirements (space, electrical, HVAC) for new computing facility
- Sendmail and majordomo postmaster

### MRJ, Inc. / February 1993 - January 1996 / SysAdm

- Network administrator for corporate WAN. 4 main sites on the Eastern US and several satellite offices
- Built and maintained corporate firewall network. Conducted security audit of unclassified LANS for the corporation. Wrote security policy

- System administration of Sun based LAN of 150 nodes, 350 users, with increasing support of PC's as integral part of network. News and e-mail administrator
- Lead committee of MRJ engineers to coordinate and standardize computer hardware and software purchasing
- Designed 10baseT LAN topology for new office space
- Designed WAN topology for remote office and mobile users using a combination of T1 leased line and dial-up routers
- Directed engineers in the development of intelligent password selection program. Also lead development of financial information distribution system
- Configuration management and problem tracking systems

### **Visix Software / April 1990 - January 1993 / Tech Support / SysAdm**

- Unix system administrator: Installed, configured and maintained TCP/IP network with 75+ nodes, including Internet gateway. News, E-Mail administration
- Macintosh administrator: Local network administration, troubleshooter. Redesigned network to reduce load. Responsible for purchase of hardware and software. Upgraded and repaired systems
- Technical support engineer: Ported product line to various platforms
- Customer support engineer: Telephone support for end users and corporate OEM accounts. Taught on-site and off-site training classes

### **Philadelphia Stock Exchange / May 1988 - April 1990 / Maintenance Coder**

### **Drexel University / May 1987 - May 1988 / Macintosh Developer**

### **The Hartford Stage Company / June 1984 - April 1985 / Theater Intern**

## **Education & Certifications**

- B.S. Computer Science, 1987, [University of Pennsylvania](#)
- PADI SCUBA instructor
- USCG Master 100-Ton, Asst Tow, Aux Sail
- FCC Commercial Marine Operator

## **Professional**

- Founding (some might say instigating) member [dc.sage](#)
- Past board of directors, [BayLISA](#)
- Clearances (inactive): TS/SI/TK
- PGP key <http://www.bitwrangler.com/kmayer/pgpkey.html>

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<http://www.bitwrangler.com/kmayer/resume/resume.shtml>