

**JOSEPH J. KLEMMER**

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JOB TARGET: **SOFTWARE DEVELOPER and/or UNIX SYSTEM ADMINISTRATOR**

SKILLS:

Operating Systems: Linux, Solaris, X-windows, Palm OS, MVS, OS/2, MS-DOS,  
Win3x/95/98/NT/2000  
Programming Languages: php, shell, awk, perl, C/C++, JavaScript, COBOL, CICS  
Applications: Ethereal, GTA's GNAT Box Firewall, Apache, MySQL

WORK EXPERIENCE:

01/05 - 02/05 **CELERITY IT** Mechanicsburg, PA  
Instructor/Consultant

- \* Developed two training courses; "Intro to Linux" and "Advanced Intro to Linux" to be given to both Management and Developers at Boscov's (a large chain of department stores).
- \* Performed three weeks of training on said courses at the HQ of Boscov's in ReadingPA.
- \* Adapted the use of a Linux Live CD (Adios - <http://dc.qut.edu.au/adios/>) for use as a hands-on training tool.

10/99 - 11/04 **CHIEF TECHNOLOGY OFFICE (CTO) OF THE US ARMY** Ft. Belvoir, VA  
Senior System Engineer

- \* Assisted in the management of the Army's overall online presence, specifically the Army Knowledge Online (AKO) portal, by far the largest global Intranet with over 1.7 million users world wide.
- \* Developed utilities and applications in php, perl & other languages for in-house, site-wide use by multiple departments.
- \* Administered various UNIX systems including Sun Solaris and Red Hat Linux on both the classified and unclassified networks.
- \* Monitored, managed and trouble-shot network infrastructure for all of the CTO.
- \* Performed extensive research activities to find new technologies and new business solutions to improve the numerous systems supported by the CTO.
- \* Served as a security analyst at both the network and systems level working with both Firewall and Intrusion Detection System (IDS) technologies.

1/96 - 12/02 **WEBTREK L.L.C.** Alexandria, VA  
Owner

- \* Extensive knowledge of Linux and the Open Source world.
- \* Did contract work for the Executive Office of the President.
- \* Performed System Administration and management for multiple UNIX/Linux server system.
- \* Develop custom applications for clients using COBOL, php, perl, etc.
- \* Develop Palm OS applications.
- \* Sell, maintain and administer GNAT Box firewall systems.
- \* Administer HTTP servers Apache & WN.
- \* Develop CGI programs in perl, php, and various other languages as needed.
- \* Build, maintain and develop applications using MySQL.
- \* Meet with clients to work out project specifications.

10/94 - 2/99 **US ARMY PUBLISHING AGENCY**

Alexandria, VA

Computer Specialist (Programmer)

- \* Administer 4 Linux servers and 1 AIX server.
- \* Develop CGI applications using perl, php, shell, C/C++ and various other development tools.
- \* Built and maintain applications using MySQL.
- \* Developed programs to interface the web and email to the IBM mainframe COBOL legacy systems.
- \* Develop as-needed COBOL programs on the mainframe to interface the data from the web/email into the IBM mainframe COBOL legacy systems.
- \* Research new technologies for the purpose of better conducting business processes for the organization.

11/88 - 10/94 **US ARMY PERSONNEL INFORMATION SYSTEMS  
COMMAND**

Alexandria, VA

Computer Specialist (Programmer)

- \* Develop utilities and applications for the Army Personnel system using VS COBOL II and CA-DATACOM databases in both a batch and online (CICS) environments.
- \* Troubleshoot and fixed various PC hardware and software problems for the agency.
- \* Developed most of the Personnel Editing System (PEDS) consisting of over 1000 COBOL/DATACOM DB programs and subroutines.

OLDER WORK EXPERIENCE

Details available upon request

10/87 - 6/88 **US ARMY CORPS OF ENGINEERS**

Frankfurt, Germany

Computer Operator

10/82 - 7/85 **DATA PROCESSING INSTILLATION (DPI)**

Nurnberg, Germany

Computer Operator

ADDITIONAL SKILLS AND ACHIEVEMENTS:

- \* Hold a Top Secret (DoD) Clearance.
- \* Have written articles and reviews for Federal Computer Week and Linux Weekly News. See <http://www.webtrek.com/joe/articles>.
- \* Linux Professional Institute (LPI) Level-1 Linux Certification.
- \* Brainbench Red Hat Linux SysAdmin Certification.
- \* Working knowledge of many programming languages such as; php, perl, born/korn shell, C/C++, COBOL, etc.
- \* Strong knowledge of UNIX System Administration.
- \* Understanding and knowledge of Networking Architectures and Topologies.

PROFESSIONAL AFFILIATIONS:

- \* Member of the US Internet Industry Association (USIIA), `99-present.
- \* Member of the Association of Online Professionals (AOP), `94-'99.
- \* Member of the Capitol Area System Administrators (CASA), '95-'99.  
Served as President of the organization in 1998.

EDUCATION:

1/82 - 5/82 UNIVERSITY OF MARYLAND, MUNICH n/a, Undergraduate  
7/81 - 12/81 WAYNSBERG COLLAGE, PA n/a, Undergraduate  
7/80 - 12/80 UNIVERSITY OF MARYLAND, MUNICH n/a, Undergraduate

ACTIVITIES:

- \* Member of the BBS online community for 5 years, running a number of different systems with multiple networking topologies.