

May 1997 - July 1999
Senior Software Engineer

Infoscape, Inc.

San Francisco, CA

Designed and implemented browser based software deployment framework for one-click installation, upgrading, and launching of arbitrary native applications. Wrote generic user authentication framework in Java with support for pluggable back-ends. Used RMI for the client-server communication. Implemented user authentication on top of any ODBC enabled database. Maintained middle-tier server software.

Source Control Manager

Implemented fully automated cross-platform build environment for ClearCase, Java, C, InstallShield for Windows, and pkgadd for Solaris. Implemented and deployed encrypted license management system. Responsible for final packaging on CD-ROM of all releases. Administered ClearCase source control system. Trained other employees in the use and administration of UNIX servers. Introduced and maintained Linux and FreeBSD for use as internal servers.

October 1995 - April 1997

Self Employed

Münster, Germany

Developed device-independent BOOT-Prom for diskless PC's booting into DOS, Windows, and Linux implementing embedded BOOTP/DHCP, TFTP, NFS, and a UDP/IP network stack using C and x86 glue code. Commercially ported additional device drivers for use with the BOOT-Prom: <http://www.etherboot.org>.

Donated Linux sound-support to XEmacs: <http://www.xemacs.org>

1991 - 1994

WPV Insurance Company

Münster, Germany

As an independent contractor, designed and implemented communication protocols between Smalltalk and C applications on OS/2, and legacy applications on MVS. Implemented multi-threaded server for managing persistent data. Used OS/2 IPC and SNA as the networking protocols. Evaluated and recommended third-party development products. Evaluated third-party knowledge workbench products and AI languages. <http://www.provinzial-online.de>

Education

**Westfalian Wilhelm's
University**

Münster, Germany

B.S. Chemistry, May 1994

Projects

Etherboot <http://www.etherboot.org>
Shell In A Box <http://www.shellinbox.com>
Wy60 Terminal Emulator <http://www.gutschke.com/wy60>
Driver for VT1500 TV card <http://www.ibiblio.org/linsearch/lsm/vt1500-1.0.10.html>

**Immigration
Status**

Permanent Resident (Green Card)

References

Available upon request.