

WORK EXPERIENCE (newest first, • = Own work, ○ = Group project).

TECHNICAL DIRECTOR : Vector Systems Ltd ☞ http://www.berklix.com .	2001 - 2021
• Project budget negotiation, Team recruitment & management, Development & support, Prosecution of debtors, Corporation Tax etc. Confidential. List skills needed, I'll tell you Yes or No & where [else] to ask.	
SCANJET FreeBSD CONVERSIONS for Motorola & others	-
• NT to FreeBSD conversions : Ref. www.berklix.com/scanjet/	
DEVELOPMENT for Vector Systems, Munich	2001
• Bootable custom CDRom Mastering, FreeBSD 4.[3-5] based.	
Linux & GNU Tools etc for Speech Design, Munich	2001
• Linux [Debian + Suse] + GNU Tools	
• Advice on Software Patents, FSF & BSD code embedding right etc.	
DEVELOPMENT for a customer of Vector Systems, Munich	2000
• Internet planning for new empty site, inc. hardware ISP rack & cable provision, Internal, firewall, & web external FreeBSD-3.4 servers. Implemented 3 server system, extending to 5 server inc. diskless configuration.	
DEVELOPMENT For OCE Printing Systems, Poing	1998-1999
• Development of C, X-Windows & Motif application, Target: Intel 586 + SCO-5.0.5 + Motif then Lesstif, Host: FreeBSD-3.3 + Lesstif-0.89	
DEVELOPMENT For DASA / Deutsche Aerospace, Ottobrunn	1997.07-1997.12
○Development of interface for Aircraft structural design. TCL/ TK/ Tix, C etc.	
FILE SYSTEM Data Rescue Investigation: Rank Xerox, Berlin	1997.04
DEVELOPMENT For Vector Systems	1997.02-1997.03
• Development/ improvement: ISDN, TCP/IP etc.	
VT220 EMULATION & EDITOR : BLW (Thyssen)	1996
WEB CONFERENCE PAGES: Ditec, Munich	1996.05
• Page preparation: Data Warehousing Europe '96 conference, & RAID '96 conference.	
LECTURER : UNIX SYSTEM ADMIN.: Dekra Akademie, Munich	1996.03
• Lectured for 2 weeks in German, to 17 people with individual PCs. Determined syllabus, inc. System 5 (SVR4), Berkeley (BSD), Linux. Installed FreeBSD. Set & marked own exam.	
WEB CONSULTANT: PRE- LAUNCH SUPPORT: Europe Online, Munich	1995.12
• Pre launch support: Repaired World Wide Web ISMAP control files, & HTML links etc.	
WEB TOOLS & CONFIGURATION: Siemens, Nuremberg	1995
• Corrected web server configuration, wrote World Wide Web CGI test scripts, obtained Oracle database interface tools, assessed CGI/ forms scripting macro tools.	
CONSULTANCY (ANALYSIS): Customer of Vector Systems, Munich	1995
• Consolidation of inter- operability of networking components for future product.	1995
• Prepared infrastructure for an Internet Web press presentation.	1995
Planned cheap Internet server to save a customer considerable money.	
X11R6 X-WINDOW SYSTEM PORTING: Munich Tech. Univ., CAD Dept.	1994-1995
• Installation & support of X-Windows X11R6p11, for DEC Alpha Computers	1994
• Porting various support programs such as CMU/Sup to Sequent.	1994
DEVELOPMENT SYSTEM EXPANSION: Vector Systems	1993-1994
• Support of large FreeBSD system. Contribution to source of FreeBSD project	1993-1994
• Development of gateway NetBSD system. Contribution to source of NetBSD project.	1994
• Various minor kernel modifications, (such as memory resizing, default parities etc)	1993-1994
• Porting various support programs such as CMU/Sup to PCS-Cadmus.	1993-1994
• Porting Eprom burner driver to FreeBSD (Unix) (incomplete).	1994
RUSSIAN X11 TOOLS DEVELOPMENT: Siemens, EWSD Hofmann Strasse	1992-1993
• Development & Implementation of a 3 language Cyrillic/ German/ English screen/ Keyboard/ Laser printer combination with X-Windows, for SCO,(& also Unix SVR4 & BSD). Inclusive of BDF to HP PCL5 Font converter tool, Cyrillic & custom font manufacture.	
DEVELOPMENT For Vector Systems	1991.01-1991.06
• Building of a PC532 (25MHz NSC 32532 CPU, 32381 FPU, 32202 ICU, NetBSD (+ Minix 1.3/5 + Mach), 8 TTY, 8M 70nS RAM, SCSI 300M Disk). Development/ improvement: GCC, Gh/ Postscript, & other FSF tools, Modem connection, SLIP TCP/IP + uucp/ email + slip, Nroff driver for HP3P laser etc.	
REVERSE MACRO DEVELOPMENT Siemens, EWSD Hofmann Strasse, Munich	1990.01-1990.10
• Customer specific data conversion (reverse macro) tool.	
DEVELOPMENT FOR Vector Systems	1989.02-1989.12
• Unix/ Msdos Directory/ tree transfer coms. prog. in C. skips unchanged files, maintains datestamps, supports inter computer pipes.	
• Rescue tool for physically damaged floppy discs (written in C for Msdos and Unix).	
REAL TIME CONSULTANT: Rohde and Schwarz. Munich	1988.02-1988.11