

Yitzhak Bar Geva

Web 2.0/Telephony & system Software Engineer

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Qualifications

- Web 2.0 applications with IP telephony
- Linux deployment and configuration, Server and Desktop
- Hardware/Software integration, device drivers
- Real time programming and embedded systems
- Native English speaker with Top Secret security clearance

2003 – 2007 Regobot – Beit El

Independent, self operated service and consulting firm

- Implemented Multi Seat Linux systems. Full multiuser system on a single CPU with no networking using multiple video cards. each user with his/her individual station.
- Operated roaming multiseat gaming system for youth and social activities, packaged for rapid deployment in harsh environments.
- Implemented first Israeli Linux elementary school classroom on multiseat Linux with simultaneous Windows desktop integration through rdesktop client
- Provided Linux and Asterisk consulting. Server maintenance, firewalling, package repositories, backup/restore, NX server remote desktop
- acquired extensive in depth Web 2.0 and Open IP telephony expertise (see skills, below)

2000 – 2001 Vyyo – Yerushalayim

- Developed wireless level II bridge in C under pSOS+, Linux, TCL

1991 – 2000 Tidan computers, Ltd, Beit El

Provided consultation services for software development projects:

- Giga, Ltd.:
HDLC level II Real Time development of military communications unit under custom multitasking kernel
- Tadiran Communications Systems Division:
Developed HDLC driver under pSOS+ asynch. RC144DPG modem with Z85C30, PERL, Windows/NT batch
- Astronautics, Ltd.:
Ported mobile military navigation system from VRTX to Windows 3.1; consultant for navigation system development: VRTX, system startup, Built in Tests (BIT).
- Tadiran Military Communications Division:
Upgraded data encryption unit implemented under a proprietary kernel. Ported RS232 comm package to military environment
- Tidan Computers, Ltd.:
Marketed and directed consultation for various Swiss projects

1987-1988 CSPI, Inc., Boston, USA

- Developed device driver for floating point boards under UNIX and VAX/VMS

1982 - 1988 Shemer Computers, Ltd, Ramat Gan

Marketing, Consulting and development of software projects and products:

- Israel Aircraft Industries, Lod
Aircraft engine test system Real time UNIX
O.S. support and driver integration for flight testing telemetry system, RT-11
- Shemer Computers, Ltd.
Enhanced, supported, and ported to Hebrew multi-user turnkey accounting system
Marketed multi-user turnkey system including production of marketing material and presentation at computer shows.

Recruited computer software specialists for outsourcing

1975 - 1981 **Soltam, Yokneam, Center for Educational Technology, Ramat Aviv**

- Rewrote Oregon Pascal runtime environment for multitasking environment
- Ported TOAM educational system from assembly under stand-alone kernel to Pascal/RT-11
- Wrote postprocessors for Numerical control programming environment, APT
- Maintained production scheduling system on IBM 370

Education

B.Sc. Electrical Engineering, NYU 1970, Graphic Design ORT, 1999

O.S. & CPUs

Linux (various flavors), VRTX, pSOS+, UNIX, Windows 95, VAX/VMS, RT-11, 80X86, Mac OS X, DEC & Motorola Microprocessors & communications processors

Languages

Ruby, Bash, Regular expressions, C, C++, Pascal, PERL, FORTRAN, Assemblers, CSS, TCL, Dreamweaver Freehand, PaintShop Pro, PhotoShop

Tods/Frameworks

Ruby On Rails Web 2.0 framework, Asterisk Open IP telephony platform, Textmate editor, Adhearsion telephony framework, Capstrano rapid Linux deployment tool, Webmin, NXServer remote desktop, X Windows configuration, fwbuilder – multi firewall compiler, various web servers, Linux kernel building and configuration, Amazon Web Services