

RESUME OF JON ROLAND

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Summary

- 8+ years design, development and consulting in database management and applications, in systems engineering, in languages, operating systems, and development tools, in graphics and user interfaces, and in artificial intelligence.
- 8+ years developed more than 100 accounting and management applications, mainly in Progress® and other 4GLs, but also in some of the other languages listed below.
- 8+ years business management, systems analysis, integration, and administration, documentation and training, program and data conversion, numerical and statistical analysis, and simulation modeling, using most of the more popular makes and models of computers, from micros to mainframes.
- Has written for journals and trade publications, including several product reviews.

EDUCATION

B.S. in Mathematics, University of Chicago

Minors in Computer Science, Physics, Philosophy

TECHNICAL EXPERIENCE

Programming Languages: C/C++, Forth, assembler, APL, LISP, Eiffel, Pascal, Ada, Prolog, Smalltalk.

Operating Systems: UNIX (Linux, Sun Solaris, HP/UX, AIX), Windows 3-7, VMS, Mac OS

RDBMS: Progress 4GL/Webspeed/Open Edge, MS Access, Oracle

Tools: HTML5, Java, Ajax/Javascript, MySQL, Python, PHP, Ruby, Drupal, Moodle, Concrete5, Wordpress.

Applications, Progress: Cutsey FDM4, QAD Mfg/Pro, FiServ UniFi, SX.Enterprise/Trend, Astea Dispatch One, Guestmaster.

PROFESSIONAL EXPERIENCE

Starflight Corporation, Austin, TX

Senior Developer

06/2007 – Present

- Built several websites in Drupal, Moodle, Joomla, Concrete5, and Wordpress.
- Research on the automated development of scientific models from data.

Environment: Linux, python, cython, ruby, erlang, php

Bioware, Austin, TX

Senior Web Developer

12/2011 – 12/2011

- Helped in final stage to roll out game product, maintain vBulletin-based forum.

Environment: Windows 7, VMware, Linux, MySQL, php, vBulletin, Drupal, Perforce, CodeCollaborator, Wiki, DevTrack.

Dell Computer, Round Rock, TX

Senior developer & test engineer

10/2011 – 11/2011

- Write and run scripts to test and diagnose servers, report on errors and performance.

Environment: Linux, python, pexpect, bash, subversion, CodeCollaborator, VNC.

Home Depot, Austin, TX

Senior Developer

09/2005 – 06/2007

- Development, maintenance, and tech support for numerous applications, mainly one called Sx.Enterprise written in Progress (originally in v8.3, was upgrading to v10) in an HP Unix environment, to support sales and support of heating and air conditioning systems sold through Home Depot stores.
- Supported numerous other applications, including Knowlagent (online training), NICE (call center monitoring), Blue Pumpkin (workforce management), KANA Response (email management).

Environment: HP Unix, Progress 4GL, bash, C, Windows NT, Java, Websphere (Eclipse).

ITT Technical Institute, Austin, TX

08/2002 – 10/2002

Instructor

- Taught course on Linux operating system.

Environment: Linux.

State of Nevada, Carson City, NV

11/1999 – 01/2000, 10/2000 – 12/2000

Senior Developer

- Conversion of a non-Y2K- compliant immunization management system called Acclaim, written in Progress V7, on a Novell Netware network, to one written in Visual Basic on MS SQL Server V7, on a MS NT 4.0 network, and using Java, Python, Linux, Data Junction, Harvard Graphics, and Adobe Acrobat.
- Returned for further conversion work using Java, Visual Basic, SQL 7, and a product called Data Junction.

Environment: Windows NT.

Siemens Rolm, Santa Clara, CA

03/1998 – 10/1998

Senior Developer

- Database engineering. Implemented e-commerce application. Upgraded Astea Dispatch-1 application from Progress V7.3 to V8.2. Developed sysadm apps in Python and Expect. Trained staff.

Environment: IBM RS/6000 AIX platform using Progress WebSpeed.

Video Products Distributors, Sacramento, CA

06/1996 – 03/1997

Senior Developer

- Converted complete accounting package in COBOL on a DEC VMS host to a package called FDM4 in Progress V8 on a DEC Alpha Unix host. Data conversion programming using Progress 4GL, DCL, Korn shell, C, and perl. Enhancements to Progress FDM4 package. System integration and admin of Unix host and PC network on it. Set up internal Web server.

Environment: DEC VMS, Progress 4GL V8 on a DEC Alpha Unix.

The Money Store, Sacramento, CA

03/1996 – 06/1996

Senior Developer

- Did conversion from a loan management package in xBase to a client-server system called UniFi written in Progress V7.

Environment: Windows NT clients on a DG/UX (Unix) host.

Hamilton Standard, Windsor Locks, CT

06/1995 – 12/1995

Senior Developer

- Developed quality control sidecar applications in Progress 4GL V7 to support a JD Edwards system.

Environment: AS/400 dataserver, with PC Windows NT clients.

American Eurocopter, Grand Prairie, TX

11/1994 – 06/1995

Senior Developer

- Converted from an Amdahl mainframe running Cullinet to a Data General Unix host with PC clients of a wholesale/retail/manufacturing package to WDS package written in Progress V7, involving data conversion and extensive customization.

Environment: DG/UX (Unix), Progress 4GL v. 7, Amdahl, Cullinet.

Inn-Syst, San Antonio, TX

11/1990 – 06/1991, 01/1994 – 04/1994

Senior Developer

- Project leader and main programmer for development of hotel property management system called GuestMaster,. Product acclaimed by industry experts.
- Returned for follow-up development.

Environment: in Progress V6 on 486 systems under SCO Unix/386 ODT.

Sun Microsystems, Palo Alto, CA

04/1992 – 07/1992, 11/1992 – 02/1993

Senior Developer

- Developed Catalyst database in Progress 4GL V7 to support to support ISV sales and product catalog. Coded transfers from SunSoft to SMCC versions. Assisted with Mfg/Pro enhancements.

Environment: Progress 4GL RDMS, Sun Unnix.