

Paul Svensson, Unix Software Engineer

Contact Information

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Paul Svensson
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Professional Summary

Self-propelled developer and sysadmin with extensive experience on a large variety of Unix and Linux platforms. Expert Python and C programmer, strong in network and SQL database development, quickly productive in new environments. Goal-oriented engineer with focus on customer satisfaction, skilled in all parts of the software development life cycle, from understanding of customer needs and requirements, thru development, documentation, deployment, training and long-term support.

Areas of Expertise

- Cross Platform Development
- Customized Database Solutions
- Anything and Everything Unix

Skill Set Highlights

Programming languages:

Python, C, shell script, Perl, PHP, SQL, C#, ESQL/C, Pro*C, html, javascript, CSS, Perl, Awk, Yacc, Lex, Lisp

Operating systems:

Linux (SuSE, Gentoo, Debian, RedHat, ...), Solaris, SunOS, OSF/1, HP-UX, SysV, BSD, SCO, Irix, AIX, ISC, OS X, Cygwin

System software:

Ansible, DNS/Bind, Apache, postfix, sendmail, ntpd, NFS, smbd, NIS, automount, imapd, dhcpd.

Relational databases:

MySQL, Postgres, Oracle, Informix.

Recent Professional Experience

Cloud Developer for Comcast

Computer Enterprises, Pittsburgh, PA, 2016 - 2017

- Developed cloud deployment software for Comcast, using Ansible and OpenStack to install ElasticSearch with Logstash and Kibana.
- Wrote a monitoring server for ElasticSearch clusters, using multithreaded Python with json and requests.

Tech Lead Support Engineer

SevOne, Newark, DE, 2014 - 2016

- Provided third tier technical support for the SevOne Network Monitoring System, using Python, PHP and MySQL.
- Developed tools for troubleshooting SevOne application issues.

Analytical Software Developer for AT&T

Axelon Services, Middletown, NJ, 2013 - 2014

- Developed DNS software using Python and Perl: tools for verifying DNS data consistency and presenting blacklists as policy zones.
- Provided fourth tier DNS operations support and subject matter expertise for DNS.

Software Developer

Arkieva, Pike Creek, DE, 2011 - 2013

- Developed Supply Chain Software using C# and .Net.

Director of Web Technology

U.S. Preventive Medicine, Telecommuting, 2008 - 2011

- Evaluated, installed, and configured software platforms for a LAMP enterprise web application using Drupal on SuSE Linux.
- Planned and supported code migrations and upgrades.

Lead Engineer

CyberSoft, Conshohocken, PA, 2004 - 2008

- Developed and supported the VFind Unix antivirus toolkit, using C and Gnu Make on multiple Unix platforms.
- Installed and maintained production and development data centers with forty versions of Unix.

Earlier Professional Experience

Worldcom ETC, SAAB DocEye, Scandinavian System Support, Independent Consulting

- Designed, implemented, and tested toll plaza data collection software for HP-UX and DEC OSF/1, using Informix 7, ESQL/C, Oracle 8, Pro*C and C with TCP/IP.
- Provided primary and secondary DNS services using Bind 9.
- Hosted small business websites using Roxen Webserver.
- Designed an interactive language learning web site, using XHTML, SSI, CSS and javascript.
- Installed, configured, and maintained email servers, using qmail, postfix and UW imapd.
- Developed network management tools using snmpget, spread, CGI, xpath and rrdtool.
- Built dedicated document handling systems for Swedish and Norwegian government agencies.
- Planned and designed company intranet and internet connectivity.
- Architected Usenet and Email communications software for use in distance education.

Other Activities

- Translating Scandinavian languages as a freelance translator.
- Former chair of the LYSATOR computer society at Linköping University.

Education

- Associate Degree in Telecommunications at Älvkullgymnasiet, Karlstad, Sweden
- Some courses in the field of Computer Engineering at Linköping University.