

Paul Svensson, Unix Software Engineer

Contact Information

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Paul Svensson
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Professional Summary

Agile developer and sysadmin with extensive experience on a large variety of Unix and Linux platforms. Expert multilingual programmer, strong in network and 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, Java, javascript, shell script, Perl, C, PHP, SQL, C#, ESQL/C, Pro*C, html, CSS.

Operating systems:

Linux (RedHat, SuSE, Gentoo, Debian, ...), 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, smb, NIS, automount, imapd.

Databases Managers:

MariaDB/MySQL, MongoDB, Postgres, Oracle, Informix.

Recent Professional Experience

Software Integrator

USAA, Phoenix, AZ, Nov 2019 - present

- Leading development of monitoring systems for Protegrity, using DataDog and Python with Flask.
- Building a user interface for ad hoc data detokenization, using Java and React.

Infrastructure Engineer for JPMC

Judge Group, Newark, DE, March 2018 - September 2019

- Automated infrastructure resiliency procedures using Ansible.
- Mentored junior developers on Ansible and Python.
- Educated operations staff on automation usage and support.

Ansible Engineer for Entergy (remote)

Indecomm, Phoenix, AZ, June - December, 2017

- Automated software installation and upgrades on RedHat and Solaris platforms.
- Developed database discovery tools for SQL Server and Oracle.
- Automated Oracle database migrations.

Cloud Engineer for Comcast (remote)

Computer Enterprises, Pittsburgh, PA, September 2016 - March 2017

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

Tech Lead Support Engineer

SevOne, Newark, DE, November 2014 - August 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, June 2013 - September 2014

- Developed DNS software using Perl and Python: 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, August 2011 - May 2013

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

Director of Web Technology (remote)

U.S. Preventive Medicine, Jacksonville, FL, June 2008 - July 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.

Earlier Professional Experience

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

- Developed antivirus and security software for Unix, using C and Gnu Make.
- 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.
- 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 Scandinavian government agencies.
- Planned and designed company intranet and internet connectivity.
- Architected Usenet and Email communications software for use in distance education.

Other Activities

- Operating the SV public Incompatible Timesharing System.
- Translated 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.