

Gilbert Heaton ; Senior Software Engineer ; Linux, UNIX, Perl, C, SQL, shells, ...

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Availability: Immediate. Citizenship: US Citizen.

Web links: <http://stackoverflow.com/users/693294/gilbert> top 14% poster; Github: <https://github.com/GilbertsHub>

SUMMARY:

Experienced in full SDLC from requirements gathering, product architecture, documentation, implementation, installation and training across corporate structure with non-technical people. Great customer support.

SKILLS LIST:

Expert: C, perl (Object Oriented, POD), shell scripting (bash, ksh, awk, gawk), Oracle SQL, Linux, UNIX.

Strong: perl OO (Template Toolkit, CGI, CPAN), MySQL, XML, SOAP, svn. Fair: PHP, Jira.

Intermediate: JavaScript, HTML/CSS, PHP, Restful APIs, VirtualBox, VMWare, git. Learning Python GoLang.

Long-term: Distributed and clustered applications. Heavy multiprocessing. globally distributed teams. Webex.

EMPLOYMENT HISTORY:

Verizon Wireless ; Piscataway NJ ; Oct-2016 to Apr-2019 ; via Datanomics ; Red Bank NJ

Job Title: C Software Engineer (consultant); Position: Point Of Sale Back End C and PRO*C Developer

Skills: C (data structures), Oracle SQL, Solairs, shell scripts, SOAP, RESTful APIs, HTML, MQ, Jira, Agile.

- Completed difficult migration of warehouse and inventory control from legacy platform to SAP.
- Improved customer's store pickup by making manager alert windows follow local store timezone.
- Speed up test and development with tools monitoring operations, testing results, and log scraping.
- Used my notes to speed up mentoring and on-boarding of new back end developers
- Continuous enhancements, debugging, and fixing of many back end daemon services. Some critical fixes.
- Extensive middleware and TCP/IP communication with other systems using XML, SOAP, RESTful APIs, Oracle Message Queue, IBM Websphere MQ, and straight TCP/IP.

Vonage Networks ; Holmdel, NJ ; May 2016 to Jul 2016 ; via SmartLink ; Annapolis, MD

Job Title: PHP Software Developer (consultant); Position: integrating new business acquisitions.

Skills: PHP, perl, Linux, PhpStorm, MVC, vagrant, VirtualBox, shell scripts, MySQL, google docs, Slack, Jira.

- Strengthened customer FTP portal passwords in difficult perl program for customer portal call records.
- Required architecture meetings, understanding stories, constructing new dev environment, driving QA environment to becoming functional, risk reduction.
- Reduced "swivel seat" operations by integrating new acquisitions into existing PHP web pages.
- Reduced mentoring times for new hires using my notes that became "amazing documentation".

ISenpai ; 100% remote to Manassas, VA ; Mar 2016 to May 2016 ; via Kforce Federal Contracts

Job Title: Perl Subject Expert (consultant); Position: short "surge" support for improving net security products.

Skills: Python, perl, CentOS, MongoDB NoSQL, NIST.SP.800, bash, PowerShell, documentation, Slack, Jira.

- Heavy development burst of unclassified network based security project under much of NIST.SP.800.
- Recruited for Linux/perl skills though technologies actually used went far afield from those skills
- Last week surprise creation of Linux and Windows installation bundles and documentation at end of project.

AT&T Labs ; Middletown, NJ ; Jun 2013 to Sep 2015 ; via Insys Group, Rochelle Park, NJ

Job Title: C Linux Developer (consultant); Position: Back end developer monitoring cell tower performance.

Skills: C, Linux, Solaris, HP-UX, Red Hat Enterprise, ksh/bash scripts, perl, distributed application, read and transform data at terabyte network volumes, SQL, multi-processing, threads, regression tests.

- Performance improvements to applications and report generation, sometimes by 30%.
- Clean incoming dirty CSV files enough to successful insert into database using perl.
- Improved install quality and speed by automating installation of applications for developers.
- Use scp, and especially sshfs (libfuse), to automate moving files between development systems

Verizon Wireless ; Warren, NJ ; Mar 2011 to Jun 2013 ; via Datanomics. Bridgewater, NJ

Job Title: C Developer (consultant); Position: Point Of Sale Back End C Developer

Skills: C, shell scripts, HP-UX, Oracle SQL, Pro*C, VMS, VMS RDB, COBOL, Restful APIs, VirtualBox.

- Helped migrate VMS back end C, COBOL, and DCL applications to replatform onto HP-UX UNIX server. Agile.
 - Automated repetitive work using perl tool to involving syntax, #include files, etc.
 - Reduced code changes using C library to better simulate some VMS actions on UNIX. .
- Slashed time for testers, developers, and others, to identify causes of stuck test orders using perl based web server reporting status of test orders and virtual inventory,
 - Nominated for employee of month by lead tester in response to time it saved his group.
- Intensive communications using MQ operations (MessageQ, MQ Series), TCP/IP, RESTful APIs, SOAP, XML.

Numara Software ; Warren, NJ ; Sep 2008 to March 2011 ; via Consultis of Tampa, FL

Job Title: perl Developer (consultant); Position: Professional Services FootPrints full stack developer

Skills: Windows, Linux, Solaris, FreeBSD, perl, SQL (Oracle, Postgres, MySQL, SQL Server, ...), HTML, LDAP, VMWare, Virtual Box, JavaScript, shell scripting, make, Apache & ISS web servers, documentation.

- Grew regression test library using perl's Test::More and shell scripts.
- Proposed changes that were adopted into both the style guide and FootPrints installer.
- Estimated effort for customizations requests from customers, including discovering requirements and writing User Interface Specification, System Requirement Specifications, System Design Specifications.
- Saved account by remote debugging via Webex severity-1 problem on remote customer system.

Avaya ; Lincroft, NJ ; Jan 2008 to July 2008 ; 6-month ; via Case Interactive of Farmingdale, NJ

Job Title: C Developer (consultant); Position: Migrate and replatform C and shell application on new servers

Skills: HP-UX, C, gdb, make, XML, SVC, shells, Linux, perl, LWP, DBI::Informix, Net::FTP, Module::Build, IBM MQ Series, Informix SQL, ISQL, team environment, project leadership.

- Full SDLC from requirements gathering to implementation and documentation.
- Automated downloading and installs of GPS navigation updates using perl Net::FTP from GPS vendor.
- Extract, transform, and load SQL migrating legacy DB to new Informix DB server using my CLI tools.

Cheetamail ; Manhattan, NY ; May 2007 to Dec 2007 ;

Job Title: Perl Developer; Position: Full stack developer for Internet Email Provider

Skills: Perl, DBI, Apache, TemplateToolkit, mod_perl, shells, XML, and SQL, UTF-8, Internationalization I18N.

- Perl shop e-mail provider. Enhanced new mailing GUI home-grown MVC. Back end development. MVC.
- Wrote documentation appreciated by others on internals of system.

Vonage Networks ; Holmdel, NJ ; Aug 2006 to April 2007 RIF ;

Job Title: Software Developer; Position: Full stack developer C, perl, JavaScript, TCP/IP networking, SNMP.

Skills: Perl: LWP, DBI; RH Enterprise Linux; Solaris; make; shells; package building; rrdtool; Source Version Control, CVS, svn Subversion, OpenNMS; C; SOAP; network MIBS, rdttool, documentation, requirement

- OID/MIB SME for team scanning VOIP network for devices. Getting OpenNMS to report on new devices.
- Perl web server cgi-bin to analyze SNMP scan logs to report on device trees.
- Wrote documentation appreciated by others on internals of system.

Lumeta Corp. ; Somerset, NJ ; Mar 2004 to Jul 2006 ; via Key Data - March 2004 to Aug 2005

Job Title: Perl Software Developer; Position: IPSonar servers, automated builds, FreeBSD kernel & installer.

Skills: perl (LWP, mod_perl, CGI), refactor, SSL/TLS, C, security certificates, heavy shell scripting.

- Split monolithic server into report and sensor servers exchanging serialized perl objects.. Security zones.
- Became owner of custom FreeBSD source changes and builds, and installer that also installed IPSonar.
- Improved field upgrades to the point customers could often upgrade without Lumeta personnel present.
- Reduced Certificate creation time and improve tracking on internal Certificate Authority system.

EDUCATION:

California State Fullerton: major Computer Science. Fullerton College: major Electrical Engineering