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 Perl-5, C, Linux, migration, mentoring, planning. <https://resume.healton.net>

Multii-language team software engineer. Now strongest in C, perl, shell scripts, large SQL. Linux and UNIX. History of AIX, Git, Template Toolkit, HTML, JavaScript, Apache, TCP/IP, networking, and SVN. Very strong mentoring, design,documentation. Great customer support.



<p>2023-04 to present AIX, C, ksh shell scripts, Oracle SQL Pro*C, git Bitbucket, IWS, Jenkins builds, Remote team</p>	<p>C Developer for HP-UX to AIX migration effort Enterprise Holdings via staffing companies</p> <ul style="list-style-type: none"> ✓ Migrate multiple applications to AIX. ✓ Machine code debugging with dbx mystery segment fault. ✓ EHI management said they wished I came aboard earlier. ✓ Work with IBM Workload Scheduler (IWS) to research, migrate, and test jobs on AIX. ✓ Show efficiency tricks on UNIX with vim, command line, to those that were interested in learning.
<p>2016/2019-04 contract end. 2011/2013 CE 2022-02/08 ce Agile/Jira Big codebase C, SOAP, git Bitbucket, Oracle SQL, Perl, perl critic, REST</p>	<p>Back end developer – high volume Point Of Sale - Remote Verizon Wireless, Piscataway, NJ via staffing companies</p> <ul style="list-style-type: none"> ✓ Enhancements, maintenance, and bug fixes, on over a dozen server applications. ✓ Tools for reporting and quickly analyzing/solve problems. ✓ Reduced logged activation errors by order of magnitude. ✓ T3 Support of internal and public customers. ✓ Worked with and guided local & offshore team members. ✓ Reduced problems in warehouse billing by \$100K/year. ✓ Mentor new BE developers.
<p>2021 2013-2015 rif 1996-2000 C, Perl – OO, mod_perl, Linux, Rhel, Solaris, High vol. Networks. Apache HTML/CSS REST APIs Daytona, Cymbal, SQL.</p>	<p>Backend software developer Compliance. Middletown via DXC. AT&T Middletown NJ via Xaxis via DXC/Luxoft</p> <ul style="list-style-type: none"> ✓ On migration of local disk to cloud rework reporting apps to use Azure rather than on-premise disks storage. ✓ Help support another on-premise app on reorganizing disks getting full to keep app running. <p>Backend software developer–cell tower reporting. Middletown via Insys</p> <ul style="list-style-type: none"> ✓ Help re-platform application from Solaris to Linux. ✓ Consolidated petabyte/month cell tower feeds. ✓ Improved performance of applications. ✓ DevOps tools to configure and monitor server apps.. ✓ Cross platform language and data migrations. <p>Perl / C developer – custom work and Y2K lead. Holmdel via SMI</p> <ul style="list-style-type: none"> ✓ Completed multiple C projects in internal consulting unit. ✓ Y2K tech lead for AT&T Labs self-maintained software. ✓ Leanest Y2K division with first Y2K web server in AT&T.
<p>2020-08 to 2021-06 bash, zsh, C, perl, AWS,AL1, Athena SQL,</p>	<p>Software Developer – SMD Delivery – ESP. Remote Working on cloud based SMTP engine.</p> <ul style="list-style-type: none"> ✓ Feature improvements written in C and Lua. Perl tests. ✓ Document processes and on boarding processes. ✓ Use Circonus graphs to analyze failures.

Arenas:	
Remote work	●●●●
Back ends	●●●●●
Telcom	●●●●
Net Security	○●●●
Hard Skills:	
Coding	●●●●
Analyst	●●●●●
Design	●●●●●
Documents	●●●●
Debugging	●●●●
2038 Bug fix	●●●●
Networking:	
ssh, rsync,	○●●●
dev/tcp	
TCP/IP sockets	○●●●
Message queues	○●●●
Soft Skills:	
Detail attention	●●●●
Life Learning	●●●●
Legacy Apps	●●●●●
Mentoring	●●●●●
Patience	●●●●●
Large Projects	●●●●
Support T-3	●●●●
OS Development:	
AIX	○●●●●
Linux distros	○●●●●
Red Hat+	○●●●
Debian+	○●●●
Ubuntu+	●●●●
Windows	○●●●
Languages:	
C	●●●●●
dbx debug	●●●●
gdb debug	○●●●
Perl 5 to 5.26	●●●●●
Perl::Critic	●●●
Packaging	●●●●
Test::More	●●●●
Template	○●●●
Shells	●●●●●
UNIX CLI	●●●●●
XML	●●●●

builds, ... github, git, Mercurial	<ul style="list-style-type: none"> ✓ Use git and Mercurial tools for reviews and source management. ✓ "Interrupt Team" duties included 24x7 on-call duties, starting build pipelines, responding to problems & requests. 	Agile: Confluence ●● Jira ●●● Database: SQL ●●●● Oracle SQL ●●●● MySQL ○○○●● SQL Server ○○● Postgres ○○● Others ○○ Daytona ○○● DBMS Source Control: Accurev ●●●● cvs ○●● Git ○○● rcs ○●● scs ○○○● GitLab & Gitbucket ○○● Web: Apache ○●●● cgi-bin ○●●● HTML4/CSS2 ○○●● HTML5/CSS3 ○ JavaScript ○○○● JQuery ○● Offshore Teams: European, India Education: Cal-State Fullerton (CS) Fullerton College (EE) Hobbies Include: Working with hand and power tools Animal balloons Learning Linux Programming Science Reading (SF and more) Personal: Freehold, NJ 07728 Neurodiverse ●●●●●
2020-03 to 2020-08 EOC bash, ksh, csh, RHEL Oracle, perl, AutoSys shell Scripts, PowerCenter	Shell Developer – back end – energy sector DXC Technology. Remote multinational. Migrating large distributed AIX applications to Linux. <ul style="list-style-type: none"> ✓ Quickly migrated scripts from suite with the most scripts. ✓ Writing scripts to scan and automate code changes. ✓ Bringing automated tests to environment without any. ✓ Documenting and mentoring. Valuable onboarding docs. 	
2019-05 to 2019-09 RIF Atlassian, mod_perl git, Oracle, appa, REST.	Senior perl back end developer Aveda rewards Estée Lauder Aveda brand, Remote (NY) via W3Global <ul style="list-style-type: none"> ✓ Researched and fixed bugs in MVC perlgem and templates. ✓ Worked with external RESTful JSON API with PostMan. ✓ Proposed API changes to stop painfully expensive issues. ✓ Wrote tool to very efficiently extract information from logs. 	
2016 & 2006/2007 rif Agile/Jira, git JavaScript, JSON DOM Linux+admin Perl - OO HTML/CSS PHP, MVC, C MySQL Remote team SNMP/MIB/OID	PHP/Perl developer – business VOIP support Vonage, Holmdel, NJ via SmartLink <ul style="list-style-type: none"> ✓ Integrated recently acquired PHP app into Vonage ecosys. ✓ Enhanced legacy perl app nobody else wanted to touch. ✓ Notes grew to "amazing" documentation for new hires. Network Management Software and reports w/perl <ul style="list-style-type: none"> ✓ Part of NMS team improving existing and custom network monitoring software for improving performance. ✓ SNMP to discover OIDs of new devices on network. ✓ Research new device types for MIMs and start monitoring. ✓ Apache CGI to produce interactive reports. JavaScript. 	
2008/2011 Linux, Solaris, Apache mod_perl HTML, JavaScript SQL: Oracle, MySQL, shell, VMware	Perl FootPrints dev. for Professional Services Numara Software, Edison NJ via Consultis of Tampa <ul style="list-style-type: none"> ✓ Perl software for Help Desk, Service Desk, and more. ✓ Sales support. Minor to major enhancements to oo-perl FootPrints product. Merged most customizations. <ul style="list-style-type: none"> ◆ Used Test::More to make regression tests. ◆ Fixed critical sev-1 issues major customers. ✓ Provide crisis support to Software Development and Support departments for urgent and critical problems. ✓ Estimated effort for customization requests & SOWs. 	
2004/2006 C, C++, Perl OO Apache mod_perl APIs SQL, DDLs	Perl Developer for IPSonar Network Security Lumeta Corp – Somerset NJ <ul style="list-style-type: none"> ✓ Primarily back-end OO-perl and shell scripts notable C operations. Some C and front-end JavaScript. ✓ Reduced response time with mod_perl authentication. ✓ Distributed serialized perl objects over LWP for processing. 	