

Gilbert Healton **REMOTE PREFERRED** resume24@healton.net
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 Perl-5, C, Linux with strong mentoring, planning. **SEE** <https://resume.healton.net>

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

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:

- 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 ●●●●

<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.</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 via Insys</p> <ul style="list-style-type: none"> ✓ Help re-platform application from Solaris to Linux. ✓ Consolidated petabyte/month cell tower feeds into smaller feeds for network engineers. ✓ 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</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.
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<p>2020-08 to 2021-06 bash, zsh, C, perl, lua. AWS (AL1, Athena SQL, builds, ...) github, git, Mercurial (hg, Fisheye, Bamboo).</p>	<p>Software Developer – SMD Delivery – ESP Remote.</p> <p>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. ✓ Use git and Mercurial tools for reviews and source management. ✓ “Interrupt Team” duties included 24x7 on-call duties, staring build pipelines, responding to problems & requests.
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<p>2020-03 to 2020-08 EOC bash, ksh, csh, RHEL Oracle, perl, AutoSys shell Scripts, PowerCenter</p>	<p>Shell Developer – back end – energy sector DXC Technology. Remote multinational.</p> <p>Migrating large distributed AIX applications to Linux.</p> <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.
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<p>2019-05 to 2019-09 RIF Atlassian, mod_perl git, Oracle, appa, REST.</p>	<p>Senior perl back end developer Aveda rewards Estée Lauder Aveda brand, Remote (NY) via W3Global</p> <ul style="list-style-type: none"> ✓ Researched and fixed bugs in MVC perl gem 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.
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<p><i>2016/2019-04 contract end. 2011/2013 CE 2022-08 cut</i></p> <p>Agile/Jira Big codebase C, SOAP, git Bitbucket, Oracle SQL, Perl, perl critic, REST, Remote team</p>	<p>Back end developer – high volume Point Of Sale Verizon Wireless, Piscataway, NJ via Datanomics</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>Agile: Confluence ●● Jira ●●●</p> <p>Database: SQL ●●●● Oracle SQL ●●●● MySQL ○○○●● SQL Server ○○● Postgres ○○● Others ○○ Daytona ○○● DBMS</p> <p>Source Control: Accurev ●●●● cvs ○●● Git ○○● rcs ○●● sccs ○○○● GitLab & Gitbucket ○○●</p> <p>Web: Apache ○●●● cgi-bin ○●●● HTML4/CSS2 ○○●● HTML5/CSS3 ○ JavaScript ○○○● jQuery ○●</p> <p>Offshore Teams: European India</p> <p>Education: Cal-State Fullerton (CS) Fullerton College (EE)</p> <p>Hobbies Include: Working with hand and power tools Learning Linux Programming Science Reading (SF and more)</p> <p>Personal: Freehold, NJ 07728</p>
<p><i>2016 & 2006/2007 rif</i></p> <p>Agile/Jira, git JavaScript, JSON DOM Linux+admin Perl - OO HTML/CSS PHP, MVC, C MySQL Remote team SNMP/MIB/OID</p>	<p>PHP/Perl developer – business VOIP support Vonage, Holmdel, NJ via SmartLink</p> <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. <p>Network Management Software and reports w/perl</p> <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 newly device types for MIMs and start monitor. ✓ Apache CGI to produce interactive reports. JavaScript. 	
<p><i>2008/2011</i></p> <p>Windows, Linux, Solaris, Apache mod_perl HTML, Perl, JavaScript SQL: Oracle, MySQL, shell, XML, VMware, CI</p>	<p>Perl FootPrints dev. for Professional Services Numara Software, Edison NJ via Consultis of Tampa</p> <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. 	
<p><i>2007</i></p> <p>Linux, Apache HTML JavaScript Perl / DBI / mod_perl.</p>	<p>Perl Developer SaaS : Cheetahmail, NYC</p> <ul style="list-style-type: none"> ✓ Developed front-end and back-end software for new mailing GUI and some work on back-end processors. CI. ✓ Used home-grown MVC class and DBI class to Oracle DB. ✓ Enhanced and documented Template Toolkit templates. 	
<p><i>2004/2006</i></p> <p>C, CI, Perl OO Apache mod_perl APIs SQL, DDLs</p>	<p>Perl Developer for IPSonar Network Security Lumeta Corp – Somerset NJ</p> <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 fauthorization. ✓ Distributed serialized perl objects over LWP for processing. 	