

Gilbert Healton Perl-5, C, Linux with strong mentoring, planning.	resume20@healton.net https://www.linkedin.com/in/ghealton/
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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 T3 ●●●●
- OS Development:**
- Linux distros ○●●●●
 - Red Hat+ ○●●●
 - Debian+ ○●●●
 - Ubuntu+ ●●●●
 - Windows ○●●●
- Languages:**
- C ●●●●●
 - dbx debug ●●●●
 - gdb deb ug ○●●●
 - Gawk ●●●●●
 - Perl 5 to 5.26 ●●●●●
 - Perl::Critic ●●●
 - Packaging ●●●●
 - Test::More ●●●●
 - Template ○○●●
 - Shells ●●●●●
 - UNIX CLI ●●●●●
 - XML ●●●●

2020-03 to present bash, ksh, csh, RHEL Oracle, perl, MS Teams. AutoSys shell Scripts, PowerCenter Workflows	Shell Developer – back end – energy sector DXC Technology. Remote multinational. Migrating large distributed AIX applications to Linux. <ul style="list-style-type: none"> ✓ Resolving unknowns in large undocumented code base. ✓ Got the suite with the largest numbers of shell 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, distributed app, 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 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. ✓ Documented procedures to reduce confusion and lost time.
2016/2019-04 contract end. 2011/2013 CE Agile/Jira Big codebase C, X12 EDI git / Bitbucket Oracle SQL, CICD, Perl, perl critic SOAP APIs Remote team	Back end developer – high volume Point Of Sale Verizon Wireless, Piscataway, NJ via Datanomics <ul style="list-style-type: none"> ✓ Performed ongoing enhancements, maintenance, and bug fixes, on over a dozen server applications. ✓ Servers for fulfillment, order flow, cust. pickup & email, etc. ✓ Propose SQL DDL to DBAs to alter or create tables. ✓ Tools for reports 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.
2016 & 2006/2007 rif Agile/Jira, git JavaScript, JSON DOM Linux+admin Perl - OO HTML/CSS PHP & MVC C MySQL Remote team	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 based application nobody else wanted to touch, but not yet migrated to PHP. ✓ 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 newly device types for MIMs and start monitor.

Re-platform, SNMP/MIB/OID	<ul style="list-style-type: none"> ✓ Apache CGI to produce interactive reports. JavaScript. 	
2013/2015 rif 1996-2000 C Linux/Rhel Perl – OO High vol. Networks. Apache HTML/CSS Linux/Solaris C, Perl-OO mod_perl. REST APIs	Back end software developer–cell tower reporting AT&T Middletown via Insys <ul style="list-style-type: none"> ✓ Help re-platform application from Solaris to Linux. ✓ Consolidated petabyte/month cell tower feeds into practical feeds to network engineers to optimize operations. ✓ Multi-threading under perl with pthread. ✓ Improved performance of applications. ✓ DevOps tools to configure and monitor server applications. ✓ Cross platform language and data migrations. Perl / C developer – custom work and Y2K lead <ul style="list-style-type: none"> ✓ Completed multiple projects in internal consulting unit. ✓ Y2K tech lead for AT&T Labs self-maintained software. ✓ First Y2K web server in AT&T. Automation gave us the leanest known Y2K division office JavaScript, JSON, ... 	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 Learning Linux Programming Science Reading (SF and more) Personal: Freehold, NJ 07728
2008/2011 Windows, Linux, Solaris, Apache mod_perl HTML JavaScript Perl SQL: Oracle, MySQL, PGes shell, XML, VMware, CI	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. Most enhancements merged into product. Required lots of digging into existing code and working with complex hash and array structures. <ul style="list-style-type: none"> ◆ Heavy VM use for development & testing. ◆ 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. ✓ Set up sshfs mounts for more efficient bulk file transfers. 	
2007 Apache HTML JavaScript Linux Perl / DBI / mod_perl XML SQL, CI	Perl Developer SaaS : Cheetahmail, NYC <ul style="list-style-type: none"> ✓ Developed front-end and back-end software for new mailing GUI and some work on back-end processors. ✓ Used home-grown MVC class and DBI class to Oracle DB. ✓ Enhanced and documented Template Toolkit templates. ✓ Consulted system architects, CSS style guides, and others, when designing the modules I wrote. 	
2004/2006 C, CI, Perl OO Apache mod_perl APIs Netboot SQL, DDL	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. ✓ Introduced mod_perl for custom HTTP/SSL authorization with notably reduced response time. ✓ Built custom FreeBSD installer for IPSonar. ✓ Distributed serialized perl objects over LWP for processing. 	