

#!/nixfixers

Open Source Solutions

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Solutions provided to #!/nixfixers clients from 2006 to Present:

Atlas Distribution:

Daily use: Python, Javascript, Jinja2, Werkzeug, Flask, HTML, CSS, Git, GAE, NoSQL, Linux, bash
Maintained the promotional Internet discussion board for the Atlas Shrugged Movie trilogy • Assisted in development of user advertising framework • Assisted in development of user search and notification by location • Hosted a daily Internet radio call-in program dedicated to discussing current topics on the board • 100% telecommute • MVP

RMI:

Daily use: Perl, DBIx, MySQL, TemplateToolkit, Javascript, HTML, CSS, Mercurial, Linux, bash, ssh
Developed parser for incorrectly documented binary files • Maintained custom scripts for syncing client proprietary handheld devices • Assisted in development of web based tracking of clients and calendars • 100% telecommute • Agile/Scrum

TABS:

Occasional use: Perl, Linux, bash, C, Git, GPG
Lead presenter and educator of TABS tracking hardware and software • Ad-hoc scripting for sysadmin and monitoring • Implemented company-wide GPG email setup • Occasional QA of embedded C firmware • Occasional travel • Occasional telecommute

Sectra North America Inc.:

Daily use: Perl, Nagios, Linux, OpenBSD, bash, ssh • Occasional use: C++
Maintained multiple installations of Nagios servers monitoring hundreds of clients • Developed the test and deployment scripts for all Nagios configuration files • Repaired a legacy C++ CGI parser for the Nagios web interface which provided the company branded skin

Solutions provided to employing firms from 1998 to 2010:

Cablevision:

Daily use: Java, JSP, Javascript, MySQL, Perl, Linux, OpenBSD, bash, Subversion
Maintained custom web-based applications for tracking employee productivity • Built and maintained Tomcat, Apache, MySQL, SVN, Samba, and Jabber servers • Implemented prod/beta/alpha environment separation • Developed distribution scripts from SVN to prod/beta/alpha environments • Developed scripts and implemented procedures for nightly backup of all code repositories and databases

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Adeptra:

Daily use: Perl, Linux, OpenBSD, bash, Nagios, ssh

Nagios monitoring of daily fraud notifications from national credit companies ◦ High demand Nagios maintenance and scripting ◦ 100% telecommute

Micropatent/Thompson:

Daily use: Perl, SUN, Linux, bash, CVS ◦ Occasional use: Nagios, SNMP

Assisted in maintaining Mircopatent's Internet patent search service ◦ Assisted in production deployment of new code revisions ◦ Implemented and maintained Nagios servers for checking production servers and NOC temperature sensors ◦ Developed web session recorder for QA regression testing ◦ Tuned daily database backup scripts

Protometrix/Invitrogen:

Daily use: Perl, FreeBSD, bash, Apache, CVS

Lead presenter for the IT department ◦ Implemented and maintained initial Apache and CVS servers ◦ Developed scripts to manage CVS repositories ◦ Developed scripts to analyze quality of DNA sequences

Curagen Corporation:

Daily use: Perl, DBI/DBD, PL/SQL, Oracle, Linux, bash

Member of the Curagen IT Architecture Board ◦ Designed and developed the initial Drug Development department IT infrastructure ◦ Developed Perl wrapper to provide LOB support to defective Oracle DBI/DBD layer ◦ Maintenance of internal Oracle PL/SQL web pages ◦ Developed script and schema to text encode/compress genetic sequences as both nucleotide and amino acid sequences

Smartworld Technologies:

Daily use: Perl, SUN, MySQL, bash ◦ Occasional use: C, Radius, LDAP

Assisted in the redesign of the Smartworld account ordering and fulfillment suite ◦ Developed web based network outage notification scripts ◦ Updated Radius Authentication Server to incorporate LDAP protocols.