

Chris Rouch

Unix/Linux System Administrator

Key Skills

Operating Systems	Solaris, Linux (Red Hat, Suse), HP-UX, AIX.
Languages	Perl, Python, PHP, C, Korn/Bash shell, JavaScript, HTML, SQL, CSS, CGI scripting.
Applications and Utilities	Kickstart, RPM, Apache, Veritas NetBackup, Legato, NIS, DNS, LVM, Samba, VMware, Yum.
Other	Ability to organize myself and set priorities. Excellent troubleshooting and problem solving skills. Ability to identify tasks that require automation and automate them. Appreciation of Unix security techniques. Experience with X/KDE/Gnome administration and programming. I am qualified for SAGE senior System Administrator positions.

Employment History

2002 - present	<p>System Administrator, Solaris and Linux, Terma BV., Leiden, Netherlands. I am working for a Danish company as a subcontractor to the European Space Agency, on projects mainly relating to Satellite Checkout Systems, in particular Herschel-Planck, Galileo and an instrument for the James Webb Space Telescope These are based on a mixture of Solaris (version 8), Red Hat Linux (7.2, RHEL 4 and Fedora Core 1-7) and Suse Linux (9 and 10). My job has included:</p> <ul style="list-style-type: none">● Setting up automatic Installation and configuring of new servers and workstations using kickstart and autoyast.● Assisting with the software integration, including turning software builds into RPM packages.● Simple network design and implementation.● Hardware specification and procurement.● Configuring and testing hardware and software firewalls and VPNs <p>Skills used include: Solaris, Red Hat Linux, Suse Linux, Kickstart, Perl, PHP, Python, OpenVPN, Samba, VMware.</p>
2001	<p>System Administrator, Unix and Windows 2000, Promisant Ltd., Bermuda. I was working for a small startup company which is involved in processing credit card transactions. I was responsible for the installation, configuration and operation of the production servers. These included Sun 220s, IBM RS6000s and Compaq 1850s running Windows 2000 and Red Hat Linux. I was responsible for assuring the integrity of the systems, and thus the backups and disaster recovery, including full documentation.</p> <p>Skills used included: Solaris, AIX, Windows 2000, Linux, Backup Exec, Perl.</p>
1999 - 2000	<p>Unix System Administrator, contracted to UBS AG, Zürich, Switzerland. My prime responsibility was to produce a reporting tool for the NetBackup servers. This involved writing Perl scripts to pull data out of NetBackup and into an Oracle database, and writing Perl scripts to display the data from the database on the UBS internal web. Additionally, I provided third level support for the NetBackup servers and acted as Solaris expert for my group. This job also involved training myself on NetBackup and then transferring this knowledge to other members of the group.</p> <p>Skills used included: Solaris, NetBackup, Perl, HTML, JavaScript, SQL, Solaris packaging.</p>

July - December 1998 **Unix System Administrator, contracted to Shell BV, Rijswijk, Netherlands.** I was part of the third-line Unix support team. My responsibilities included organizing and supporting backups using Legato, writing scripts to maintain system consistency and implementing a changeover from diskless clients to jumpstarted standalone workstations.

Skills used included: Solaris, Legato, jumpstart, Perl, Korn shell, HTML.

January - July 1998 **Unix System Administrator, contracted to Hewlett-Packard GmbH, Böblingen, Germany.** My responsibilities included re-organizing HP9000 systems located in Amersfoort, Netherlands, with regard to implications for firewalls, plus the specification, installation and configuration of new servers running HP-UX 10.20.

Skills used included: HP-UX, RAID, LVM, Perl, Korn shell, HTML.

1996 to 1997 **Senior Unix System Administrator, Serco GmbH, European Southern Observatory, Munich.** I was Team leader of a group providing Unix system administration on Solaris and HP-UX platforms to the European Southern Observatory (ESO) at their headquarters. My responsibilities included:

- Designing and implementing a migration strategy, from the largely obsolete equipment inherited, to a modern, robust, architecture.
- Managing the mail and news configurations.
- Designing and installing applications to monitor system status and security.
- Overseeing the IT section of the www site.
- Providing online documentation.
- Managing between 3 and 5 staff.

Skills used included: Solaris, HP-UX, IRIX, Perl, C, Korn shell, Javascript, HTML, Sendmail, mh, procmail, INN, NIS, DNS, LVM, RAID, NCSA web server.

1995 to 1996 **Unix System Administrator, Digicon Ltd, NAM, Assen.** Part of a small team of Unix system administrators supporting the NAM computing infrastructure. This comprised of Sun workstations running Solaris and HP-UX and Convex servers. I had particular responsibility for the Suns and for the setup and maintenance of a www server.

Skills used included: Solaris, HP-UX, AIX, Perl, Korn shell, HTML, NIS.

1991 to 1995 **Unix System Administrator, Serco Europe Ltd., ESTEC, Noordwijk, Netherlands.** I was system administrator for a project that involved simulating the interface between astronauts and payloads on board a space station. I was system administrator for the Unix systems (Suns), along with setting up and maintaining e-mail, Usenet news and www services.

Skills used included: Solaris, Perl, C, Korn shell, HTML, Sendmail, mh, procmail, INN, NIS, DNS.

1986 to 1991 **Unix System Administrator, British Telecom Research Laboratories, Martlesham Heath, Ipswich, England.** I was part of a group responsible for providing the computing resources for a large site (150 people, 120 computers + PCs and Macs), in a quality controlled environment, working to ISO9000 standards. We were responsible for a mixture of HP, SUN and DEC workstations and servers. Additionally I was responsible for developing software to aid in the system administration tasks.

Skills used included: Solaris, HP-UX, ULTRIX, Perl, C, Korn shell, NIS.

1982 to 1986 **UXD5B, British Telecom Research Laboratories, Martlesham Heath, Ipswich, England.** I was responsible for developing and maintaining the maintenance and diagnostics aspect of an 8088 microprocessor controlled small rural public telephone exchange, organizing software builds and supervising one member of staff.

Education

1974 to 1979 4 'A' levels and 9 'O' levels
Merchant Taylor's School
Crosby
Liverpool
England.

1979 to 1982 BSc Electrical and Electronic Engineering, 2(i)(Honours)
Leeds University
England

Languages

English Native speaker
Dutch Spoken - basic
Written - basic

Personal Details

Name Chris Rouch
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Notice period Two months

Contact Details

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Hobbies

Hobbies Skiing
Cycling
Watching Everton
Going to concerts
Listening to music
Reading