Joost Soeterbroek

I have an extensive background in IT as a UNIX/Linux sysadmin, a web application developer and DevOps roles. Strong in configuration management automation. I am a Red Hat Certified Engineer.

Employment History

2018 - 2020 **Hartekamp Groep**
Caregiver for people with mental handicaps

Working in a care home for people with mental handicaps providing medical and non-medical home care service to elderly/disabled clients. Focused on personal care, companionship, homemaking, health and personal wellbeing of people under our care.

2016 - 2018 **Koninklijke Nederlandse Redding Maatschappij**
Database-, Linux System- and Application Administrator

The KNRM is a search-and-rescue organisation at sea. I was a part of the IT team that supported KNRM volunteers and office personnel. Within this team I was primarily responsible for multiple virtual hosts in Microsoft Azure Cloud; administration, configuration, monitoring and troubleshooting of CentOS Linux OS and LAMP applications.

2012 - 2016 **Proxy BV, UNIX Consultancy**
UNIX/Linux systems consultant

UNIX/Linux systems consultant for two of Proxy's clients; Rijkswaterstaat (Dutch governmental organisation for road- and water infrastructure) and the Dutch Police. For the Dutch Police I worked in a security-sensitive environment of >600 hosts, with a strong focus on system configuration management automation with Puppet.

2011 – 2012 **ONVZ Health Care Insurance**
Applications Administrator

- Java Middleware Applications (Glassfish, Tomcat, ServiceMix, ActiveMQ, Liferay) Development and Production (OTAP) environment for SOA architecture
- Systems Configuration Management automation with Puppet
- Alfresco Document Management

2008 – 2011 **ONVZ Health Care Insurance**
Red Hat Linux Systems Administrator

- Systems Configuration Management automation with CfEngine
- Systems Management and Provisioning with Red Hat Satellite Server
- System Monitoring and troubleshooting

- Hardware maintenance
- Development of remote installation and management tools
- Writing cookbooks on hardware/software implementations
- Implementation and configuration of servers and associated software

2007 – 2008　**Schuberg Philis**
Mission Critical Engineer

Schuberg Philis is a leading provider of mission critical outsourcing services. Focused exclusively on the applications that businesses rely on 24 h/day, guaranteeing 100% uptime. Responsibilities and achievements include building and managing dedicated mission critical application infrastructures, including datacenter hardware for its customers.

2005 - 2007　**Shell Exploration & Production**
Linux Project Engineer

Shell Exploration & Production is engaged in the upstream activities of acquiring, exploring, developing and producing oil and gas, via Ordina Consulting. Responsibilities and achievements:

- Linux custom engineering based on RHEL
- Writing installation and support manuals, processes and procedures
- Development of remote installation and management tools
- Writing cookbooks on hardware/software implementations
- Implementation and configuration of servers and associated software
- Implementation of server client software
- Implementation of Red Hat Network Satellite Server
- Project technical co-ordination

2004 - 2005　**Sun Microsystems**
Desktop Solutions Architect (Central- and Northern Europe Region)

Sun Microsystems Professional Services helps customers with every phase of developing and deploying innovative services. Responsibilities and achievements:

- Mapping customer business requirements to technical desktop solutions and provide technical leadership to the implementation of these solutions in CNE region
- Responsible for the overall design and technical oversight of complex business initiatives in customer consulting engagements

2001-2004　**Sun Microsystems**
Technical Consultant Professional Services

Sun Microsystems Professional Services helps customers with every phase of developing and deploying innovative services. Responsibilities and achievements:

- Primary focus on 'Edge' and Grid computing, UNIX systems management and provisioning
- Implementation services for Sun ONE products
- Server migration and consolidation

- Pre-sales activities
- Technical documentation
- Custom engineering, troubleshooting and disaster recovery for Cobalt server appliances

Note: Joost Soeterbroek joined Sun Microsystems with the acquisition of Cobalt Networks by Sun.

2000-2001   **Snow UNIX Consultancy**
UNIX/Linux Consultant

Snow is a consultancy firm specialized in UNIX and UNIX-applications. Responsibilities and achievements:

PHP programmer at Planet Internet in Amersfoort: * Maintenance and building of internal CRM web application on LAMP (Linux, Apache, MySQL and PHP) platform * XML development and documentation

1998-2000   **VNU Publishing Corp.**
Webmaster

VNU Publishing Corp. Internet department (VIPS) was responsible for the technical infrastructure of all of its publications on the Internet. Responsibilities and achievements:

- Technical advice, infrastructure and hands-on support to the 'site owners' of a number of VNU online publications within the framework of the Netscape Publishing System and the Open Market IPS Content Management System
- Technical coordination of partnership deals with 3rd party content providers
- Perl programming custom applications and scripts
- Research and documentation

1996-1998   **Media@vantage**
HTML programmer

Media@vantage is a medium-sized bureau, specializing in interactive communications and new media (out of business). Responsibilities and achievements:

- Building and maintenance of websites for customers
- Research and training of new employees

1995-1996   **Planet Internet**
Help desk employee

Planet Internet is one of the biggest Internet Providers in the Netherlands. Responsibilities and achievements:

- Supporting Planet Internet customers on help desk
- Occasional supervision of help desk
- Diverse administrative duties

Technical Experience

Covid-19 notification app

I have participated in the Dutch Governments' effort to create a Covid-19 notification app and website:

- Covid-19 notification iOS app
  - Configured CI/CD public build pipeline with Github Actions
  - Python script to allow for binary comparison between ipa files resulting from different build environments

  See: **github.com/minvws/nl-covid19-notification-app-ios/graphs/contributors**
- Covid-19 notification app website
  - Language switch to allow for multiple languages
  - minor contributions

  See: **github.com/minvws/nl-covid19-notification-app-website/graphs/contributors**

Open Source

In my spare time I have participated in the Fedora Linux project as a package maintainer (**Fedora Wikipage**) for a number of RPM packages. Google search for: *'Joost Soeterbroek Fedora'*

See also my Github repository at **github.com/jsoeterbroek** for coding examples and project contributions.

Config Management Automation

Ansible: Here, we have an itemization, where we only want

Puppet: Here, we have an itemization, where we only want

CfEngine: Here, we have an itemization, where we only want

CI/CD

CI/CD workflows: Experience with Continuous Integration workflows with Github, GitLab, Jenkins in a DevOps capacity.

Programming Languages

Python: Here, we have an itemization, where we only want to add descriptions to the first few items, but still want to mention some others together at the end. A format that works well here is a description list where the first few items have their first word emphasized, and the last item contains the final few emphasized terms. Notice the reasonably nice page break in the pdf version, which wouldn't happen if we generated the pdf via html.

Shell-scripting (Bash): Description of your experience with second-lang, perhaps again including a [link] **ref**, this time placing the url reference elsewhere in the document to reduce clutter (see source file).

Web: We both know this one's pushing it.

Basic knowledge of **C**, **x86 assembly**, **forth**, **Common Lisp**

Non-technical Skills

- Human Languages:
  - Fluent in English and Dutch.
  - Fair knowledge of French, written Arabic and German languages.
  - Willing to learn new languages.

Education

1991 - 1993   **Middle Eastern Languages & Cultures**; University of Groningen (RuG)

Attended University of Groningen (RuG) 'Middle Eastern Languages & Cultures' program with a strong emphasis on the Arabic language, culture, literature and history.

- Lived for 6 months in Cairo, Egypt as part of the university program.

1993 - 1994   **Middle Eastern Languages & Cultures**; University of Amsterdam (UvA)

Attended University of Amsterdam (UvA), 'Middle Eastern Languages & Cultures' program with a strong emphasis on the Arabic language, culture, literature and history.

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