

Curriculum Vitae

Personal Data:

Surname: Zijlstra
Name: Sander Sebastiaan
Date of birth: 20 January 1977
Hometown: Haarlem
Nationality: Dutch
Status: Not married, living together
Email: sander@zijlstra.it
Mobile:
Driver license: B
LinkedIn: <https://nl.linkedin.com/in/szijlstra1977/>
Website: <https://www.zijlstra.it>

Primary Education:

Institute: Schoter Scholengemeenschap Haarlem
Department: V.W.O. / Athenuem
Dates: 1989-1995
Date of diploma: 1995

Professional Education:

Institute: **H.T.S., Hogeschool Haarlem (Polytechnic)**
Department: Telecommunications and Computer Science
Dates: 1995-1999
Examination: 1999, Bachelor degree

Institute: **University of Liverpool via Laureat online Education**
Subject: MSc in Information Technology
<http://www.liverpool-degrees.com>
Dates: 2003-2005
Examination: 2005, Post Graduate degree

Current position:

Company: **ING Bank**
Function: Linux Engineer
Dates: 03/2016 – present
Job description: Part of a Scrum based team of infrastructure specialist in different area's to deploy new platforms, mostly Linux based, to migrate customer applications to.
A lot of work is manual and time consuming so the key factor is to automate and speed up the process as much as possible by custom scripting and specialized tools like Ansible, in order to deliver more platforms even quicker for our customers to start running their applications.

Professional Experience:

Company: **SURFsara**
Function: System Engineer Linux
Dates: 01/2014 – 03/2016
Job description: Participating in a community cloud project, to provide sync & share services to users from all Dutch Universities, higher education & research institutes. Together with the technical product manager for this service I've created and validated a design and setup to provide this service to a growing user base of over 15.000 users.

Tasks and Responsibilities (summarized):

- ITIL based Incident, Problem and change management.
- Coordinate, prepare and execute patch planning, according release management policies.
- Manage Backup and recovery facilities
- Write & maintain High & Detailed Level Designs according to the internal Security Plan guidelines.
- Perform acceptance tests & implement changes accordingly.
- Maintain the Wiki of operational instructions.
- Support the yearly (external) Security Audit according to the "Juridisch Normenkader Cloud Hoger Onderwijs"
- Perform capacity management & reporting.
- Day to day operation, improvement & development of the service.

Company: **ING Bank**
Function: Storage Engineer
Dates: 04/2012 – 12/2013
Job description: Part of the "Datacentre Strategy Project" which involved several migrations and new installations of storage systems and SAN equipment, both for LCM purposes as well as for future plan of operation.
Whenever needed and possible, assist the operations team in their day to day operation and problem solving.

Tasks and Responsibilities (summarized):

- ITIL based incident, change & problem management.
- Prepare and perform data migrations and configuration changes.
- Prepare and execute DR tests as part of project acceptance or regular DR tests.
- Maintain & create work instructions
- Support capacity management & reporting.
- Configure new storage arrays according to design documents.
- Review and/or update external connection security designs (RCEC) for remote management of storage arrays by the vendor or out-of-band management systems.
- Storage provisioning on HDS, EMC & NetApp arrays.
- SAN provisioning on Brocade switches.
- Data migrations using EMC Openreplicator & SRDF
- Data migrations using HDS Truecopy & HUR.
- Performance analyses for planning migrations and advising projects in redesigning their storage setup.

Company: **T-Systems**
Function: Storage Engineer
Dates: 11/2011 – 03/2012
Job description: As part of the local support team supporting the T-Systems customer install base. The first line support is not local, so the local team acts as the 3rd line for the remote teams and handles are project related tasks.

Company: **Open Solution Providers**
Function: Unix/Storage Specialist
Dates: 2005 - 2011
Job description: Consultancy, implementation and administration of backup and restore facilities, storage infrastructures, disaster recovery and high availability solutions, and Unix platforms.

Projects:

- **Veritas**
 - Dates: 2005-2011
 - Role: various consultancy & implementations.
- **ING Bank**
 - Dates: 2005-2010
 - Role: SAN/Storage Engineer.
- **ABN-AMRO**
 - Dates: 2010-2011
 - Role: SUN Solaris Engineer.

Company: **Siennax Hosting Services**
Function: Operations Engineer
Department: Availability Management
Dates: 2003-2005
Job description: Daily maintenance and administration of the so-called "Utility Platform". Specific tasks being daily backup administration, SAN administration, network administration and security administration. New server and platform installations. First line support during on-call hours on a rotation basis.

Company: **COLT Telecom B.V.**
Function: Unix System Engineer
Department: Internet Technical Services
Dates: 1999 - 2003
Job description: Product development and system administration for the UNIX server platform, with the special task of administering the backup facilities for the data centre. Also consultancy and pre-sales activities for customer projects: design and implementation of hosting platforms. Finally also third-line support with on-call activities was part of the job.

Computer Technical Experience:

OS:	SUN Solaris, IBM AIX, Linux (RHEL, Ubuntu, Debian, Gentoo, Slackware), Windows Server, Apple OSX
Auto. Installations:	Solaris Jumpstart, Linux Kickstart
Programming:	Bash/Korn, PHP, Python
Backup Applications:	Veritas Netbackup, HP Dataprotector, TSM
Clustering:	SUN Cluster, Veritas Cluster Server, Microsoft Cluster Server, Haproxy, KeepAlived.
Volume Managers:	SUN SVM & ZFS, Veritas Volume Manager, LVM
Data Replication:	EMC SRDF & Timefinder, HDS TrueCopy & Inline Replication
Software Defined Storage:	GlusterFS, Openstack SWIFT
Management Applications:	Big Brother, Nagios, Cfengine, Spacewalk/Satellite, Ansible
Security Applications:	IPTables, PFSense, Tripwire, Rkhunter, Outpost24
Databases:	MariaDB/Galera, MS SQL, LDAP
Caching:	Memcached, Redis
Internet Services:	SNMP, SMTP, POP3, DNS, NNTP, FTP, SSH, HTTP, HTTPS, QMAIL etc.
Virtualisation:	XEN, KVM, LXC, VMware ESX, Solaris Zones/Containers, OpenStack. Amazon AWS
Server Hardware:	HP DL-Series SUN SPARC Enterprise & M-series Dell Poweredge series
Tape Systems:	SUN STK L700, LTO, STK9840, HP MSL Series
SAN Hardware:	Brocade Edge and Core FC Switches and Directors
SAN Management:	EMC Control Center, EMC Solutions Enabler, EMC Unisphere & SMC+SPA, Brocade Network Advisor, HDS HiCommand Suite & Tuning Manager.
Network Hardware:	CISCO 29XX, 29XX-L3, 650X, Nortel 450, 5000
Storage Systems:	EMC Clariion, Symmetrix DMX3/4 and VMAX HDS USP, USP-V and VSP SUN FLX380/6540 HP XP1024/24000, EVA Series NetApp FAS3240
Object Storage:	OpenStack SWIFT, Amazon S3

Training/Certification:

- AWS Certified SysOps Administrator (2016, Certified)
- CISSP: Information Systems Security Professional (2015, Associate)
- Red Hat Openstack (2015)
- Red Hat Certified Engineer (2014, Certified)
- Red Hat Certified System Administrator (2014, Certified)
- Prince2 Foundation (2011, Certified)
- Brocade Certified Fabric Professional (2011, Certified)
- SUN Solaris 10 System Administration (2010, Certified)
- CMMI Compliance for ING (2008)
- Veritas Storage Foundation (2007, Certified)
- Veritas Netbackup 5 (2006, Certified)
- EMC Symmetrix Foundations (2005)
- HP XP1024 Administration (2005)
- BMC Patrol Administration (2002)
- BMC Control-SA Administration (2002)
- Concord Ehealth Administration (2002)
- Veritas Cluster Server 1.3 (2001)
- Veritas Volume Manager 3.1 (2001)
- Advanced English for Business People (2001)
- SUN Solaris System Administration II (2000)
- SUN Solaris TCP/IP Networking (2000)
- Veritas Netbackup 3.4 Administration (2000)

- Veritas Netbackup 3.2 Administration Advanced (2000)
- Veritas Netbackup 3.2 for Oracle (2000)
- HP-UX System Administration I (1999)
- SDH en PDH Datacommunicatie Netwerken (1999)

Workshops

- Docker (2015)
- Kibana & Elasticsearch (2015)
- SELinux (2014)