

Architect & Cloud DevOps Engineer



Red Hat Certified Architect and AWS/GCP trained

Currently DevOps Engineer at Liberty Global

Highly Skilled IT Professional & Open Source Enthusiast

Worked for large accounts with complex infrastructures (Liberty Global, ABN-AMRO, RBS, Ahold)

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EXPERIENCES

Cloud DevOps Engineer

Liberty Global - Since January 2022



- GitLab Pipeline Development using Terraform/Ansible/Vault/Consul and targeting AWS and GCP
- Product Owner leading a Development team applying Agile Working Principles.
- Member of AI group conducting POCs with GenAI, RAG, Vector DBs, VertexAI

Infrastructure Architect

Liberty Global - January 2019 to December 2022 - Full-time



- 2022 Trainings:
 - Terraform
 - Google Cloud (GCP)
- 2021 Trainings
 - CyberArk PAM Training
 - AWS Training
- 2020: Red Hat Certified Architect.
5 Red Hat Certified Specialist Exams:
 - Ansible Automation (Ansible 2.7)
 - Advanced Automation: Ansible Best Practices (ansible 2.8 & Ansible Tower 3.5)
 - OpenShift Administration (OpenShift Container Platform 4.2)
 - Deployment and Systems Management (Red Hat Satellite 6.6)
 - Identity Management (Red Hat Identity Management 4.5)
- Hybrid Cloud Architecture and Design with Focus on Automation (Ansible) and Linux Authentication Authorization for Public Cloud (AWS, Azure) and On- Premise using AD as central identity store.
POC, Documentation, hand over to Operations.
- Multi Datacentre Satellite 6 Design and Implementation + handover to Operations
- Various Infrastructure Designs for different internal projects

Linux & Security Consultant

ITGilde - Since 2015



2021: Building the CyberArk Training Environment for ITGilde teams members. Based on Proxmox/ZFS with Unifi Hardware

Infrastructure Architect

Liberty Global - December 2016 to 2018 - Freelancer



- OpenShift 3 Architecture Design
- OpenSCAP security hardening using Center for Internet Security (CIS) Baseline
- RHEL7 Technical Designs for the new LGI Private Cloud infrastructure in EdgeConneX Data Center
- Design of various Infrastructure Services (squid proxy, DNS, NTP, ssh jump server) for a Multi-tenant Cloud Environment with Cisco ACI

Infrastructure/Solution Architect

Ahold - May 2012 to October 2016 - Amstelveen - Netherlands



- 2016: Technical Solution Architect
 - RHEL7/Docker introduction, Cloud OS Provisioning Automation, Testing, Documentation, Handover to Capabilities in India/Bulgaria
 - Migration from Tivoli TSM to VEEAM
 - Project: Consolidation of over 200 MS-SQL Databases from MS Clusters to VMware
- 2015: Infrastructure lead Architect
Project Global Private Cloud:
Automation of RHEL (Linux) and Windows 2008R2/2012R2 Standard Virtual Services via HP-SA, HP-OO on VMware ESX 5.1 and leveraged Infrastructure for EU and US regions.
Deliverables: Requirements, Architecture Specification, Service Technical Design, Virtualization Platform Architecture Design

- 2014: Infrastructure lead Architect
Project Fast Provisioning:
Providing the Customer with 5 predefined stacks that can be delivered 4 times faster than standard delivery and in a predictable way.
End to end responsible for the 2 RHEL stacks, RedHat Linux 5.9, on Virtual Machine, ESX5.1, and on HP Blades.
OS provisioning implemented using HP-SA, 3PAR storage, 10GB network.
Successful project leading to time/costs savings and customer satisfaction.
- 2014: Architect
Project: Hosting of Financial Application
Create Design for a new Financial Application running on Windows 2008 R2 with MSSQL as RDBMS. Gathered Vendor requirements, and worked with SMEs to create a Design and Documentation leading to successful implementation.
- 2012/2013: Architect.
Various projects:
 - Oracle EBS Migration from Solaris to Linux + Upgrade Infra to provide scalability. Worked as lead architect with Oracle, customer and HP internal teams to reach a go live in time.
 - RedHat Cluster for Fusion Middleware. Disaster Recovery tests
 - Windows Antivirus Server migration
 - Application migration (Windows/MSSQL based)

Infrastructure/Solution Architect

Royal Bank of Scotand - June 2006 to April 2012 - Amsterdam - Netherlands



- Responsible for detailed designs of Web applications Infrastructure.
Worked on various projects:
 - Engineering of WebSphere Application Server: proof of Concept, Infrastructure design, scripting (jacl/jython), packaging software into rpm (RHEL 4) and training Operation team.
 - RSA Securid upgrade. Evaluation of RSA Authentication Manager 7.0, development of migration scripts (tcl), writing of installation manuals, migration of RSA clients
 - Applications migration from HP-UX and Solaris to Linux (including design of new infrastructure in Linux RHEL cluster environment)
 - WebSphere Application Servers consolidation
- 2012: Datacenter migration project (ADCE): Responsible for migration of WebSphere environment, LDAP, RSA, JBoss from Datacenter in NL to Datacenter in UK (New IPs, hostnames)

Unix/WebSphere Administrator

ABN-AMRO Bank (for Vioro Consultancy B.V.) - January 2001 to May 2006 - Amsterdam - Netherlands



Responsible for the implementation of the infrastructure of <http://www.gts.abnamro.com> in cooperation with HP: Implemented Service Guard clusters under HP-UX in a SAN environment with EMC Storage XP256, middleware's, especially WebSphere application servers, Oracle Databases, Java applications.

- Installation, test, documentation and administration of Service Guard cluster and Integration of middleware, Databases, Java applications in cluster environment
- SAN and storage administration with XP256 and EMC DMX storage arrays
- Installation, Administration tuning of WebSphere Application servers as well as apache and ipplanet web servers
- Installation, Administration of Iplanet directory server (ldap) and MQSeries

Unix Administrator

ABN-AMRO Bank (for Vioro Consultancy B.V.) - August 1999 to December 2000 - Amsterdam - Netherlands



Responsible for UNIX administration and ETX administration, including reorganising scheduling and implementing a new backup system:

- Unix administration of 30 HP9000 systems with EMC disk arrays
- Solaris administration
- ETX middleware administration (TIBCO)
- Complete reorganisation of scheduling under Maestro (Tivoli)
- Implementation of backup system using EDM (EMC)

Unix and Middleware Administrator

ST Microelectronics - November 1994 to August 1999 - Saint Genis Pouilly - France



Responsible for management of over 100 HP-UX systems, ITO Openview management, the Oracle and Ingres databases, Tuxedo middleware and applications in an English-spoken world wide data centre.

- HP-UX, Oracle, Ingres administration: 25 HP9000 on local site + 3 EMC cabinets
- Computers control implementation with HP Openview IT/Operations
- Installation, configuration, administration and tuning of TUXEDO (80 domains on 80 UNIX systems)
- Maintenance of a ServiceGuard cluster in an High Available environment
- Applications Start-up (intermediate of development teams in India and of the support application teams in France) following the company standards - Trips to India
- Asia/Pac region Support for 1 year, then US support.
- cgi scripts for the Intranet

SKILLS

Linux Related

- Terraform
- Ansible
- GitLab
- Hashicorp Vault/Consul
- RHEL 7/8/9
- Red Hat IdM (FreeIPA)
- Satellite 6
- OpenShift 3/4
- Docker
- Kubernetes

Cloud/Virtualization

- Amazon Web Services (AWS)
- Google Cloud Platform (GCP)
- VMWare
- KVM/libvirt
- OpenStack

Security

- CyberArk
- OpenSCAP
- CISSP

Architecture

- TOGAF 9.1
- Archimate
- QMS (ISO 9001:2008, CMMI, ITIL)

Operating Systems

- Red Hat Enterprise Linux 5, 6, 7, 8
- ESX 5.5, 6 VMware (Virtualization)
- HP-UX 10.20, 11.31
- Solaris 10, 11

Hardware

- HPE C7000 Enclosures
- HPE Blades gen8/9
- HPE 3Par
- HPE Storeonce
- Sun X4100/X4200/X4600

- EMC XP512
- Brocade SAN
- F5 Load Balancer



System Configuration Management

- Ansible 2.8
- Satellite Server 6.6
- HP Server Automation (OS Provisioning, Patching)
- HP OpenView suite (Monitoring, perf)



Clustering

- HP Service Guard
- RedHat Cluster



Databases

- MySQL/MariaDB
- Oracle 11g, 12c



Programming

- bash
- python (and jython)
- perl
- tcl (and jacl)
- sql



Middleware

- Web Servers: Apache, IHS, iPlanet, nginx
- IBM WebSphere 5.1/6.1/7.0
- JBoss
- IBM MQSeries
- LDAP NDS/SunOne/389
- Directory Proxy Server
- Scheduling: Maestro, Control-M
- RSA SecurID 6.0/6.1, RSA Authentication Manager 7.1
- SiteMinder



Network

- CISCO ACI
- VMware NSX-T



EDUCATION

GCP Official Trainings

Since 2022

GCP Official Trainings:

- Security Learning Path
- Network Learning Path
- Cloud Engineer

CyberArk PAM

Since June 2021

CyberArk Privileged Access Management (PAM) Administration

Red Hat Certified Architect

November 2020 to January 2023

Verify URL: <https://rhtapps.redhat.com/verify?certId=170-033-070>

AWS Solution Architect

O'Reilly Training

Red Hat Certified Specialist in OpenShift Administration

November 2020 to November 2023

Red Hat OpenShift Container Platform 4.2

Red Hat Certified Specialist in Ansible best Practices

September 2020 to September 2023

Ansible 2.8, Red Hat Ansible Tower 3.5

Red Hat Certified Specialist in Ansible Automation

July 2020 to July 2023

Ansible 2.7

Red Hat Certified Specialist in Deployment and Systems Management

RED HAT

March 2020 to March 2023

Red Hat Satellite 6.6

Red Hat Certified Specialist in Identity Management

RED HAT

January 2020 to January 2023

Red Hat Identity Management 4.5

Red Hat Certified Engineer

RED HAT

May 2017 to November 2023

RHEL7

Red Hat Certified System Administrator

RED HAT

February 2017 to November 2023

RHEL7

Engineer - Computer Sciences

CONSERVATOIRE NATIONAL DES ARTS ET MÉTIERS

September 1995 to June 1997

Computer Systems Architecture

Databases

Security

Networks

Diplome Etudes Superieures Techniques - Computer Sciences

CONSERVATOIRE DES ARTS ET METIERS

September 1991 to June 1995

IUT Génie Electrique et Informatique Industrielle

IUT MONTPELLIER

September 1989 to June 1991

Ingres database administration and tuning

COMPUTER ASSOCIATES

August 2013

HP server administration HP-UX 10.x

HP

August 2013

Oracle administrator and backup

ORACLE

August 2013

Tuxedo administrator

BEA SYSTEMS

August 2013

Tuxedo development

BEA SYSTEMS

August 2013

SAP concepts and architecture

SAP

August 2013

INTERESTS

Sports

- Running (10 Miles and Half Marathons)
- Ski
- Swimming
- Mountain Bike