

Curriculum Vitae

Name Gerhard Peper
City Oldehove, Groningen (able to work from Haarlem)
Year of Birth 1958
Martial State Married (3 children)
Nationality Dutch
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Profile

Gerhard Peper has over 20 year ICT experience in several functions.

In his role as a project leader he has much experience in small-scale and large international projects. By his gained experience he is frequently asked for recommendation and setting up long-term strategic guidelines.

Ziggo :: Technology Architect

As Technology Architect and member of the ICT Enterprise Architecture Board, this board is responsible to define long term guidelines during the merge of the former 3 companies into the new organization.

Sony BMG :: Technical Consultant

End-responsible for the conversion and migration of all European graphic data into the new organization merged data centres.

Sony Music :: Project Manager, Systems Architect, Senior R&D Engineer

Operative as Project Manager and Systems Architect (> 10jr) at Sony Music EGAS (European Graphics & Archiving Services). EGAS managed the digital artwork of all releases which Sony Music Europe brought out in Europe, these concern both European and outside Europe released products (CDs, Mini disc etc....). EGAS is also responsible for archiving all original audio masters and digitizing archived analogue audio masters.

His role consisted of R&D work, designing and implementation of systems. During the last 10 years especially Digital Asset/Content Management has been important. Responsible for new developments in the field of Digital Asset Management of graphic assets in Europe.

A leading role in participating and advice in the area of new standards en development within Sony Music worldwide, see participation and lead in several global committees en projects.

Major qualities

- Long term vision and safeguarding guidelines
- Preference for simple and elegant solutions
- To motivate and inspire

Specialism

- Technical Consultant > 15 years
- Senior Systems & Storage Architect > 20 years
- Consultant on (Enterprise) Content Management > 15 years

Professional Experience

2008 Oct/...

Technical Pre-Sales Consultant

Company: Competa IT

Responsibility for delivery of scalable ICT solutions to diverse customers; High Level Architectural Design of high performance systems and large scale storage and archiving projects for large customers

Technologies: NAS, SAN, HA

2008 Jan-Sept

Technology Architect

Company: Ziggo

Member of the Architecture Board and part of the Enterprise Architecture team at Ziggo, which is the new and biggest cable company in the Netherlands, merged from Casema, @Home and Multikabel, with over 3 million customers. Ziggo provides cable tv, phone and internet connection. As Technology Architect supporting both the migration and/or merging of existing systems as well as Projects which are implementing completely new infrastructures.

Implemented new guidelines for the new data centres, usage of VMware to save on energy and rack space in the data centres.

Advising Project Managers to assure ICT projects are following the ICT guidelines defined by the Architecture Board.

Project lead on research for ECM standard (Sharepoint/Oracle UCM/Wiki etc..).

Technologies: Sun Sparc Solaris, Linux, Avaya CTI, VMware ESX, IT Developer tools, ECM, Sharepoint, Oracle UCM

2007

Manager Technical Product Development

Company: External party for a Document Archive Solution.

Technical product development for external party for a Document Archiving Solution.

Activities: Set out and define the road map of the product, customer contacts for new requirements, specifications, implementation plans, etc.

Management of the technical product development.

Technologies: RIA, Flash, MySQL, .Net, IIS, Apache, SaaS

2006

Sabbatical Year

Used to gather knowledge, conferences, symposia, networking, etc.

2004 – 2006

Technology Consultant

Company: Sony BMG

Project name: Migration European Digital Assets

Project goals: Because of the merge of Sony Music and BMG into Sony BMG the Sony Music European Service Centre had to be closed down. All digital assets needed for production needed to be transferred into the new Sony BMG data centres including all related metadata which had to be derived out of the Sony Music Information Systems.

Activities: Project responsibility - as Technical Consultant and Systems Architect - for the migration of all European Graphic Assets (> 8TB) including all meta data derived from a large number of different IT systems and business applications.

- Consulting on the process and design of the data gathering and migration, resources needed and the Business and Technical impact of the complete operation.
- Specification and Design of the process and IT infrastructure setup for migrating digital assets (audio and image data) to the head office and CD production facilities across the globe. (B2B content delivery)
- Built and Tested the infrastructure and transferred it to Operations
- Managed the data migration process using this infrastructure, while providing non-stop service to the local branch which was closed in Jan 2006 after successfully completed the re-archiving of all data.
- Communication and negotiation on specifications, requirements, integration and implementation issues with users and management.

Result: All assets including collected metadata were sent successfully to the 2 Sony BMG data centres and all existing systems were dismantled.

Technologies: SUN Enterprise Systems, Linux, High performance networking, Large Storage infrastructure. Optical HSM systems, Web Services, Oracle

- 2004 **Xlexit Consulting BV**
Founding of Xlexit Consulting BV.
- 2002/... **Open Source and Open Standaards program Hoge School Zeeland**
Participate in a program, through Open Source projects to make students familiar with Open Source and Open Standards. It involves a partnership with the Hogeschool Zeeland and several ICT companies.
- 2002-2003 **Lead Technical Architect / Technical Project manager**
Company: Sony Music
Project name: AOMA2
Project goals: The core of AOMA 1 (see below) was based on TEAMS, Artesia. TEAMS was only in the core, rest was developed in house, to prevent high license costs for TEAMS, the core had to be replaced by own developed core.
Activities: Responsible for the re-development of the Asset Offering & Managing Application and accompanying IT infrastructure (Requirements and specification phase related to all Artwork, EMD covers, Press Photos etc.)
Development took place at Sony DADC in Austria.
Results: In the first appearance AOMA2 was functionally the same as AOMA1, however the TEAMS core was replaced by an in-company developed solution.
Technologies: Java, Oracle, Sun Enterprise Systems, BEA Weblogic Application Server
- 2001-2002 **Technical Consultant, Project Member**
Company: Sony Music
Project name: AOMA1
Project goals: Sony Music needed a global solution to feed systems for CD production, B2B and B2C systems. The system needs to store and archive all available related digital assets (Audio Masters, Video, Graphic Artwork, Press Photos, etc.)
Activities: Because of the experience with Eureka and Eureka2 I was involved. Major requirements of Eureka2 were adopted in AOMA.
The core of the system is built in New York, further development for the European system was developed at Sony DADC in Austria.
As Project Member I participated several months in the development teams in both New York and Austria.
Result: This system is a globally distributed and managed environment to handle all digital assets (like Graphic Artwork, Audio Masters, Press Photos, Video etc.). It also handles the B2B and B2C high volume production content delivery.
Technologies: Java, Oracle, Sun Enterprise Systems, BEA Weblogic Application Server, TEAMS Artesia
- 2001-2002 **Chairman New Graphics Technology Committee**
Company: Sony Music
On recommendation of Sony Music International (SMI) New York appointed to chairman of the then founded New Graphics Technology Committee.
Activities: Responsible for the research in, definition and adoption of global standards in IT-related aspects of digital graphics technologies such as color calibration, data processing, data transmission, database publishing, film scanning, long term archiving.
- 2000-2001 **Lead Designer, Technical Architect, Project Manager**
Company: Sony Music
Project name: Eureka2
Project goals: After 5 years experience with Eureka, new requirements arose to adopt new asset types like audio masters and future media assets.
Activities: As Project Manager together with an external partner new requirements and system design were defined.
Result: The project was put on hold because of the startup of AOMA1, where most of the requirements en design were incorporated.
Technologies: Oracle DB, Oracle Application Server, Java, Sun Enterprise Systems

- 1998
- Software Developer**
Company: Sony Music
Project name: PS tools
Project goals: Existing Postscript files generated by QuarkXpress contained errors which made it impossible to re-position the content for the plate making department at Printing facilities. This was a well known problem in the Graphics Industry and seen as unsolvable.
Activities: Written several programs in C to automatically correct existing Postscript files generated by QuarkXpress.
Result: Software could be plugged in into existing workflows at Printing Facilities and automatically corrected the Postscript files when needed.
Technologies: Unix, C
- 1997-1999
- Project Manager**
Company: Sony Music
Project name: Classical Catalog 2
Project goals: Use the saved Filemaker Pro database of Sony Classical (see issue below) for catalogue production.
Activities: By using and maintaining the saved Filemaker Pro database of Sony Classical (see issue below) several catalogues were produced by coupling this database to QuarkXpress.
Results: Complete production time of artwork for the production of full-colour printed catalogues was brought back from several weeks to 3 days.
Technologies: QuarkXpress, FileMaker Pro, Xdata-XChange
- 1995-1997
- IT Audit, Project Member**
Company: Sony Classical, Hamburg
Project name: Classical Catalog 1
Project goals: By order of Sony Music International (SMI) New York, involved in the Sony Classical Catalogue Project, because of the high expenses.
Activities: Advising and monitoring the migration of an existing Filemaker database into an Oracle database and application to be used as core for the production of catalogues and to feed future websites.
Results: Because of the high expenses and overall mismanagement the Hamburg Office was closed. All remaining data was saved and transferred to the Sony Music EGAS location.
- 1995
- Project Manager & Lead System Architect**
Company: Sony Music
Project Name: Eureka
Project goals: Because of the change to fully digital workflow, a fast growing amount of digital data needed to be controlled for long term archiving and to guarantee re-usability.
Activities: Responsible for Designing and building of Content / Digital Asset Management environment to support all graphics data to be used by affiliates in Europe. Both the hardware and software infrastructure had to be developed.
System is based on an Oracle database and Application Server, together with various Open Source products for graphics file conversion and meta data extraction.
Server systems based on SUN Solaris, midrange storage components are used. A special purpose optical hierarchical storage management system was developed, using optical jukeboxes for long term archiving.
Technologies: Oracle DB, Oracle Application Server, SUN Solaris, C, OSS, HSM, NAS
- 1993
- Project Manager**
Company: Sony Music
Project Name: High End Prepress integration
Project goals: In 1993 it was not possible to generate film-ready data directly from DTP systems (Apple Mac/QuarkXpress). High-end Systems like Crossfield were needed to generate print ready films.
Activities: As Project Manager responsible for the selection of the Crossfield system and integration with the DTP and existing phototypesetting environment. Several modifications in the Crossfield system were made on request, which were incorporated in the standard Crossfield products.

Competences

Technology Consultant

Consultant (Enterprise) Content Management

Project management & planning

Systems Architect

Technical Architect Role

- Performance and capacity planning
- Design for reliability and availability

Applications Environment architect

- Analysis of business needs and solutions
- Presenting technical solutions to management and customers

Initiating and managing complex technical projects

Design and implementation of a very large storage environment

- High capacity NAS design
- High volume mission critical archive design
- Near-line optical Storage infrastructure design

Used Methods and Technologies

Operating Systems:

UNIX: Sun Solaris 8,9,10 /Sun OpenSolaris / IBM-AIX / IRIX

Linux: RedHat / Ubuntu / Debian / SuSE / (Free)BSD

OS/2 / Windows / Mac OS 9/X

Security:

Checkpoint Firewall 1 / ssh / sudo / Wireshark

Programming languages:

C / PHP / Shell scripting / (PL/)SQL / Java

Platform products:

Solaris: Oracle(DB/Appserver), Solstice disksuite, Solstice firewall-1, EMC Legato NetWorker, Bakbone Netvault, Artesia Digital Asset Management

Linux: Oracle (DB/Appserver), Bakbone Netvault, Checkpoint Firewall 1

Hardware:

SUN systems (SUN3, SUN4, SPARC, Intel, AMD), Sun Fire systems / Dell PC workstations en servers

IBM PC workstations and servers / IBM RS6000 workstations and servers

Modems: Analog & digital / Network (IP) switches / Sony tape products / Apple Workstations

Back-up/Storage:

Storage : Various

Back-up : EMC Legato NetWorker, Bakbone Netvault, rsync

Nearline Optical Storage: DAX Optical jukeboxes (xfs/daxfs)

Storage products:

DAT/ DLT/LTO tapedevices / Various midrange storage arrays / RAID systems/ Filesystems: UFS, Linux

Journalled File system ext3/Reiserfs / DAT/ DLT/LTO tapedevices / Sony LIB-D81 library

Databases:

ORACLE 9, 10, 11 / MySQL / DB2 / Berkeley DB

Protocols:

CGI, CIFS/SMB, FTP, HTTP, NFS (3,4), RPC, RSH, SCSI, SSL, TCP/IP, DNS, DHCP, SQL*Net, Telnet, VoIP, WAP

Network topology:

Ethernet, Leased Lines (WAN), Token ring, Wireless

Training and education

Training: UNIX System Engineer, PHP, MySQL, Java, Oracle Designer/2000, Database Modeling, PL/SQL
Project management, SQL, C

Education: HTS – HIO ; The Hague

Languages: Dutch (native)
English (fluent)
German (basic)