

Profile (Version: 4/12/2023)

1. Personal Data

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Web:	www.spilla.de	
Date of birth:	2 October 1971	
Nationality:	German	
Education:	Certified Engineer (IT engineering) Degree from University of Applied Sciences, Frankfurt am Main, 1995 Specialization: Electronic Technology and Technical IT	
Qualification:	IT system engineer since 1995	
Personal skills:	Fluent in English and Polish	
Professional focus:	Development and implementation of solutions for “Server Based Computing” with “Visulox”. Building up web portals for operating and remote access via Internet. Visulox trainings for administrators. Conceptualization and implementation of projects in the area of operations and systems management across all platforms: logging monitoring, event management, software distribution, asset management, backup and restore, disaster recovery.	

2. Sectors

- Telecommunication
- Banks
- Insurances
- Transports & Logistics
- Building Industry
- Services

3. IT Know-how

Operating systems

- Linux (Oracle Linux, RedHat Linux, other)
- Solaris
- AIX
- Windows Server
- MacOS

System software/ Application server

- Oracle Secure Global Desktop 4.x, 5.x
- Visulox 2.x, 3.x
- Directory Services (OpenLDAP, Oracle DSEE, Active Directory)
- Tivoli Framework 4.1.1
- Tivoli Monitoring 5.1.1
- Tivoli Monitoring 6.x
- Tivoli Configuration Manager 4.2
- Tivoli TEC 3.9
- Tivoli Distributed Monitoring
- Nagios
- Samba
- Apache

Databases

- Oracle
- PostgreSQL
- MySQL
- Access
- MS SQL
- SQLite

Programming languages / document standards

- Python
- Perl, Perl/Tk
- Tcl, Tcl/Tk
- UNIX – Shellsript
- HTML
- JavaScript
- Angular
- VBScript
- JSON
- XML
- SQL
- Turbo PASCAL
- BASIC
- Assembler

4. Projects

01/2012 to date

Topic: Installation, migration, supporting and upgrades of several web portals for Remote Vendor Access VISULOX (VLX).

Clients: Vodafone Group Deutschland
T-Systems
HINT AG
Schott AG
a.v.m.

Sector: Telecommunication, Outsourcing, Factory

Applied tools and products

- SLES
- RedHat Enterprise Linux
- Oracle Linux
- Solaris 9, Solaris 10
- Oracle Secure Global Desktop 5.x
- Visulox Suite 2.8.x, 3.x
- Shell-Programming
- Perl/Tk / Tcl/Tk
- Python
- Windows Server
- LDAP

Tasks:

- Planning and scheduling of migration process of redundant Visulox systems without any customer impact.
- Installation and configuration of new instances, integration to customer's environment
- Installation and configuration of LDAP and AD for authentication in Visulox
- Installation and configuration of Visulox Secure Gateways
- Transportation and adapting of client applications in Visulox Portal to the new software version
- Testing and QA of the migrated applications and handing over to the customer
- Configuration of procedures for session recording, session management, cooperation, and file transfer
- Complete documentation
- Training services for administrators
- Handover of fully functional system to client's first level support.

10/2017 – 12/2022

Topic Supporting of an ITM6 environment with approx. 3.500 agents.
Enabling of a process to fully automated creation of documentation of the ITM6 system.
Development of new monitoring solutions for OS, databases and several applications.
Programming of a web application for visualization and managing of maintenances.
Programming of a REST API interface to set maintenance for servers.
Programming of a web site for visualization of events.

Client: LVM, Münster

Sector: Insurances

Applied tools and products:

- Linux, AIX, Windows
- Tivoli Monitoring 6.x (ITM6)
- Shell-Programming
- Perl
- Python
- JavaScript
- Angular
- Confluence / Confluence API
- JIRA / JIRA API
- LDAP

Tasks

- Supporting of ITM6 system components
- Consulting of customers regarding monitoring solutions and their integration into the system
- Conceptualization of monitoring solutions for operating systems, databases, middleware and applications
- Developing of new solutions for system monitoring with ITM6
- Creating of customer specific ITM6 situations
- Programming of an automated task to document the ITM6 situations in Confluence by using the Confluence REST API
- Programming of a task to create JIRA issues automatically
- Programming of a REST API interface (in Python) to set maintenances for servers
- Programming of websites to visualize and manage maintenances and events
- Transfer ITM6 situations to metrics based monitoring

03/2011 – 08/2017

Topic Engineering and supporting of multiple Tivoli system environments with altogether approx. 1500 servers.
Migration of an ITM5 system environment to ITM6.
Development of new monitoring solutions for OS, databases and several applications.

Client: IBM, Frankfurt

Sector: IT

Applied tools and products:

- AIX, Solaris, Linux, Windows
- Tivoli Framework 4.1.1
- Tivoli TEC 3.9
- Tivoli Monitoring 5.1.1 (ITM5)
- Tivoli Monitoring 6.x (ITM6)
- Shell-Programming
- Perl/Tk / Tcl/Tk
- BlueCARE

Tasks

- Supporting of ITM5 system components
- Consulting of customers regarding monitoring solutions and their integration into the system
- Conceptualization of monitoring solutions for operating systems, databases, middleware and applications
- Designing monitoring concepts with ITM 5.1.1
- Compiling resource models with Resource Model Builder
- Compiling and distributing monitors with Tivoli Monitoring 5.1
- Generating, configuring and distributing log file adapters
- Migration of ITM5 monitoring solutions to ITM6
- Developing of new solutions for system monitoring with ITM6
- Creating of customer specific ITM6 situations
- Programming of customer specific ITM6 agents with Agent Builder
- Designing and creating new ITM6 monitoring solutions for special customer's needs for:
 - OS platforms: Linux, Windows, AIX, Solaris, HP Unix
 - Oracle DB
 - Informix DB
 - Veritas
 - MS SQL

- EMC Networker
- WebSphere
- Apache/Tomcat
- other customer's specific applications

- Documentation of methods, processes and systems
- Migration of monitoring solutions into BlueCARE

06/2009 – 12/2011

Topic: Supporting and further development of web portals for Remote Vendor Access based on „Sun Secure Global Desktop“ and „ToolBox Backplane Services“.

Clients: Vodafone Group Deutschland
Vodafone India
Vodafone-Panafone Greek
Vodafone Spain
T-Com
T-Systems
T-Mobile
O2
Siemens
Crypto AG, Oman
CTS Eventim AG

Sector: Telecommunication

Applied tools and products

- Solaris 9, Solaris 10, SLES
- SUN Secure Global Desktop 4.x (SSGD)
- ToolBox Backplane Services 1.x, 2.x (TBS)
- Shell-Programming
- Perl/Tk / Tcl/Tk
- Windows 2003 Server
- LDAP
- ClusterSSH

Tasks:

- Concepts of system architecture for Remote Vendor Access
- Installation und configuration of operating systems
- Installation und configuration of high available SSGD arrays
- Implementing of methods: „Virtual Interface“ und „Common URL“ for SSGD
- Conceptualization and implementation of user management with LDAP, Unix-PAM, ADS
- Installation und configuration of high available TBS arrays

- Implementing of processes for session recording, session management, cooperation
- Definition of customer specific applications in SSGD
- Complete documentation
- Training services for administrators
- Handover of fully functional system to the client

05/2008 – 06/2009

Topic Engineering and supporting of multiple Tivoli system environments with altogether approx. 1500 servers.
Migration of an ITM5 system environment to ITM6.

Client: IBM, Frankfurt

Sector: IT

Applied tools and products:

- AIX, Solaris, Linux, Windows
- Tivoli Framework 4.1.1
- Tivoli TEC 3.9
- Tivoli Monitoring 5.1.1 (ITM5)
- Tivoli Monitoring 6.x (ITM6)
- Shell-Programming
- Perl/Tk / Tcl/Tk

Tasks

- Supporting of ITM5 system components
- Consulting of customers regarding monitoring solutions and their integration into the system
- Conceptualization of monitoring solutions for operating systems, databases, middleware and applications
- Designing monitoring concepts with ITM 5.1.1
- Compiling resource models with Resource Model Builder
- Compiling and distributing monitors with Tivoli Monitoring 5.1
- Generating, configuring and distributing logfile adapters
- Migration of ITM5 monitoring solutions to ITM6
- Developing of new solutions for system monitoring with ITM6
- Creating of customer specific ITM6 situations
- Documentation of methods, processes and systems

03/2009 / 04/2010

Topic:	Sun Secure Global Desktop Training for Administrators
Client:	Crypto AG, Location: Muscat, Oman BPEnet Limited, Location: Manchester, England
Sector:	Government, IT Services
Applied tools and products	<ul style="list-style-type: none">➤ SLES 10➤ SUN Secure Global Desktop 4.41 (SSGD)
Tasks:	<ul style="list-style-type: none">➤ SSGD 4.41 Training for 12 resp. 5 system administrators with practical exercises and final test.

04/2008 – 06/2009

Topic	Designing and buildup of a worldwide system environment (10 locations) for independent access for network administrators based of „Oracle Secure Global Desktop“
Client	Siemens IT Solutions and Services (SIS), Munich
Sector:	Telecommunication
Applied tools and products:	<ul style="list-style-type: none">➤ Solaris 10➤ SUN Secure Global Desktop 4.41 (SSGD)➤ SUN Directory Server Enterprise Edition 6.3 (DSEE)➤ Shell-Programming➤ Perl/Tk / Tcl/Tk➤ Cluster SSH
Tasks:	<ul style="list-style-type: none">➤ Conceptualization of system architecture for the “LAN Admin Portal” composed of 10 LDAP servers with master-master-replication und 10 SSGD systems➤ Installation and configuration of applications➤ Installation and configuration on high available SSGD arrays➤ Implementation of methods „Virtual Interface“ und „Common URL“ for SSGD➤ Designing and implementing of user management with DSEE➤ Architecture of data structures in SSGD Datastore and

implementing of Directory Service Integration (DSI)

- Installation und configuration of LDAP clients for LDAP/PAM – integration on Solaris systems
- Definition of customer specific applications in SSGD
- Planning, project scheduling, 3rd level support and documentation
- Training of administrators
- Handover of fully functional system to the client

01/2007 – 04/2008

Topic: Buildup of web portals for Remote Vendor Access based on „SUN Secure Global Desktop“ and „ToolBox Backplane Services“.

Clients: Vodafone Group Deutschland
Vodafone-Panafone Greek
Vodafone Spain
T-Com
T-Systems

Sector: Telecommunication

Applied tools and products

- Solaris 9, Solaris 10, SLES
- SUN Secure Global Desktop 4.x (SSGD)
- ToolBox Backplane Services 1.x, 2.x (TBS)
- Shell-Programming
- Perl/Tk / Tcl/Tk
- Windows 2003 Server
- LDAP
- ClusterSSH

Tasks:

- Concepts of system architecture for Remote Vendor Access
- Installation und configuration of operating systems
- Installation und configuration of high available SSGD arrays
- Implementing of methods: „Virtual Interface“ und „Common URL“ for SSGD
- Conceptualization and implementation of user management with LDAP, Unix-PAM, ADS
- Installation und configuration of high available TBS arrays
- Implementing of processes for session recording, session management, cooperation
- Definition of customer specific applications in SSGD
- Complete documentation

- Training services for administrators
- Handover of fully functional system to the client

02/2007 – 03/2007

Topic: Designing of concepts and implementation of methods and processes for efficient creation and distribution of software packages for approx. 400 Solaris/Linux hosts with Tivoli Configuration Manager 4.2.

Client: HSBC Trinkaus und Burkhardt AG

Sector: Banks

Applied tools and products:

- Solaris 9, Solaris 10, SLES 9
- Tivoli Framework 4.1.1
- Tivoli Configuration Manager 4.2
- Shell-Programming
- Perl
- Windows XP

Tasks:

- Consulting services with regard to cost-effective and process oriented generation and distribution of software products,
- Conceptual tasks in projects for software packaging and distribution,
- Developing and testing software packages for UNIX systems and resp. distribution and installation via TCM 4.2,
- Creating tasks and scripts to automate work processes
- Full documentation of deployed processes and systems
- Handover of fully functional system to the client

07/2006 – 01/2007

Topic: Compiling and distributing software packages with Wise Package Studio and Tivoli Configuration Manager 4.2 for Windows XP rollout in an IT environment with approx. 7000 clients.

Client: Gothaer Versicherungen

Sector: Insurances

Applied tools and products:

- AIX
- Tivoli Framework 4.1.1
- Tivoli Configuration Manager 4.2
- Wise Package Studio

- MSI - Packaging
- Perl
- Shell programming
- Windows NT Workstation
- Windows XP

Tasks:

- Consulting services with regard to distribution of software products,
- Conceptual tasks in projects for software packaging and distribution,
- Developing and testing software packages for Windows XP and resp. distribution and installation via TCM 4.2,
- Compiling of MSI-packages and repackaging with Wise Package Studio, resp. distribution and installation via TCM 4.2
- Planning, project scheduling, 3rd level support and documentation
- Creating tasks and scripts to automate work processes

01/2006 – 07/2006

Topic:

Planning, consolidation and implementation of monitoring of live systems for approx. 700 servers with Tivoli Framework 3.7.1 and Distributed Monitoring 3.7.

Planning and buildup of a new monitoring environment with Tivoli Framework 4.1.1. Transferring the live systems to Framework 4.1 and ITM 5.1.1.

Client:

IBM

Sector:

IT Services

Applied tools and products:

- AIX 5.2, 5.3
- Tivoli Framework 3.7.1, 4.1.1
- Tivoli Distributed Monitoring 3.7
- ITM 5.1.1
- Tivoli Ressource Model Builder
- TEC 3.8
- TCM 4.2
- Perl

- Tasks:
- Shell programming
 - JavaScript
 - VBScript
- Tasks:
- Consolidation of existing environment of approx. 700 servers
 - Implementing basis operation system monitoring, advanced database and application monitoring with DM 3.7
 - Consulting with regard to monitoring live systems
 - Planning and buildup of a new monitoring framework with Tivoli 4.1.1
 - Transferring the environment to the new framework
 - Designing monitoring concepts with ITM 5.1.1
 - Compiling resource models with Resource Model Builder
 - Compiling and distributing monitors with Tivoli Monitoring 5.1
 - Generating, configuring and distributing logfile adapters
 - Generating project specific baroc files and TEC rules under TEC 3.8 (FP2)
 - Defining and programming Tivoli Tasks for 1st level support for operating issues
 - Planning, project scheduling, 3rd level support and documentation
 - Handover of fully functional system to client's operating division

09/2004 – 01/2006

Topic: Implementation of client specific monitoring of live systems with Tivoli Framework 4.1 and ITM 5.1

Client: DB Systems GmbH

Sector: Transports & Logistics

- Applied tools and products:
- Solaris 8
 - Tivoli Framework 4.1.1
 - TEC 3.8
 - ITM 5.1
 - TCM 4.2
 - Perl
 - Shell programming

Tasks: Consulting with regard to monitoring live systems

- Designing monitoring concepts
- Compiling resource models with Resource Model Builder
- Compiling and distributing monitors with Tivoli Monitoring 5.1
- Generating, configuring and distributing logfile adapters
- Generating project specific baroc files and TEC rules under TEC 3.8 (FP2)
- Defining and programming Tivoli Tasks for 1st level support for operating issues
- Planning, project scheduling, 3rd level support and documentation
- Handover of fully functional system to client's operating division

10/2004 – 12/2005

Topic: Compiling and distributing software packages with Wise Package Studio and Tivoli Configuration Manager 4.2 for Windows XP rollout in an IT environment with approx. 7000 clients.

Client: Gothaer Versicherungen

Sector: Insurances

Applied tools and products:

- AIX
- Tivoli Framework 4.1.1
- Tivoli Configuration Manager 4.2
- Wise Package Studio
- MSI - Packaging
- Perl
- Shell programming
- Windows NT Workstation
- Windows XP

Tasks:

- Consulting services with regard to distribution of software products,
- Conceptual tasks in projects for software packaging and distribution,
- Developing and testing software packages for Windows XP and resp. distribution and installation via TCM 4.2,
- Compiling of MSI-packages and repackaging with Wise Package Studio, resp. distribution and installation via TCM 4.2
- Planning, project scheduling, 3rd level support and

documentation

03/2004 – 09/2004

Topic: Designing and implementing, monitoring and controlling of remote payment systems under Tivoli.
Project specific measurement network performance and web applications with Tivoli Tasks.
Planning, designing and implementing software distribution for remote W2k- and Linux systems with Tivoli Configuration Manager (TCM 4.2)

Client: DB Systems GmbH

Sector: Transports & Logistics

Applied tools and products:

- Solaris 8
- W2k Server
- Tarantella
- Tivoli Framework 4.1.1
- TEC 3.8
- ITM 5.1
- TCM 4.2
- Perl
- Shell programming

Tasks:

- Conceptualization and implementation of monitoring mechanisms with Tivoli for client's internally developed systems
- Update Framework 4.1 auf 4.1.1
- Configuring logfile adapters and TEC rulebase for W2k- and Linux servers
- Defining and programming Tivoli Tasks for remote payment systems control
- Conceptualization and implementation of procedures for measurement network performance and web servers, adaptation of these measurement methods in Tivoli
- Fully automatic visualisation of measurement results on intranet
- Implementing software distribution, creating software packages, resp. distribution and installation.
- Handover of fully functional system to the client's operating division

02/2003 – 02/2004

- Topic:** Designing methods and processes of operating and systems management for remote servers.
- Client:** DB Systems GmbH
- Sector:** Transports & Logistics
- Tasks:**
- Installation and administration of Oracle under SuSE Linux Enterprise Server 7.1
 - Designing and implementing backup & recovery and disaster recovery concepts across platforms
 - Building up and administering an operating webportal with Tarantella
 - Coordination of the corporate technical division and internal content management: defining roles, processes, interfaces, change management
 - Comparing and selection a system management product (Tivoli, CA Unicenter, Nagios) for building up a project and platform as independent basis for operating tasks
 - Wording of systems management requirements for new processes with regard to selected tools
 - Developing and implementing a concept to monitor system resources with Tivoli Monitoring
 - Developing and implementing a concept to distribute software with Tivoli Configuration Manager
 - Developing and implementing a concept to monitor IP – terminals with Tivoli Netview
 - Developing and implementing a concept for event management with Tivoli Enterprise Console
 - Handover of systems to client's operating division

09/2001 - 02/2003

- Topic:** Preparation of an internally developed pilot system for its handover to client's operating division
- Client:** DB Systems GmbH
- Sector:** Transports & Logistics
- Applied tools and products:**
- OpenUnix 8
 - W2k, NT4.0
 - Oracle
 - OpenLDAP
 - Perl

- Tasks:
- Planning, building up and administering a pilot system for customer information on WindowsNT and SCO-Unix basis
 - Coordination of the internal administration: defining rules, processes and interfaces, change management, monitoring concept and fully automatic reporting for future live-going of the system with several hundreds servers
 - Conceptualization of central configuration database for a fully automatic rollout of the systems
 - Layout of a LDAP structure for mapping and distributing system configurations
 - Programming of scripts for automatic installation, configuration and final acceptance test of Unix systems
 - Programming (Perl) of scripts to fully automatic analysis of transmission performance in a satellite network and visualisation of the results on intranet
 - Head of the project team

07/1999 - 09/2001

Topic: Planning, developing, building up and administering an information system on the client's intranet.

Client: DB Systems GmbH

Sector: Transports & Logistics

- Applied tools and products:
- SUN Solaris
 - Oracle
 - Netscape Enterprise Server
 - Jrun

- Tasks:
- Building up and administering an intranet information system with: SUN-Solaris and ORACLE database, Netscape Enterprise Server and an individual Java application with restricted security requirements
 - Implementing a protected access with SSL
 - Installing and configuring a firewall
 - Programming of scripts for automation of the admin tasks (installation, update, etc..) and backup/restore processes
 - Handover of the system to the client's operating division

5. Jobs during studies

1994 – 1995

Position:

Assistant at University of Applied Science, Frankfurt am Main,
Administration of faculty's computer network.

Applied tools and
products:

- Novel Netware 4.1
- Windows for Workgroups
- Microsoft Office
- Windows 95
- SUN Solaris
- AUTOCAD 10 and 13 for DOS und Windows

Tasks:

- Hard- und software related setup of Novell network
- Installing, upgrading and administering the network under
Novell Netware 4.1
- Installing and administering servers and workstations
- Connecting the local network to the Internet
- Installing und maintaining application software
- Administering local UNIX systems

6. Others

Languages

Polish
English

