Danyel Ceccaldi, danyel@ceccaldi.co.uk

Personal details

Born	1972
Nationality	German
Spoken languages	German mother tongue, English fluent

Soft and management skills

Project Management, Team leading, Quality Assurance, quality and test management, performance testing.

Authoring: Technical writing, reviews, presentations, standardisation.

Soft skills: Skilled in negotiation, motivation, communication, coaching, and conflict management.

Processes: Using, implementing and managing ITIL processes. Creation and management of RFP, SLA, OLA, and proposals. Definition, audit and implementation of disaster recovery processes. Definition of operational procedures and processes.

Methods: Zachmann framework, TOGAF, V-Model, ISO 9000, Prince2, SCM CMMI, ITIL.

Personal interests

Overarching interest in Corsica, related to family, life, and nature.

Art and cultural events. Reading.

Global cultures, understanding them, learning history and present, visiting places.

Global trends in society and technology. Creating concepts and developing on various topics on a regular base.

Internet and gadgets.

Technical Skills

	Years	
Web Software	9	Apache, Squid, Sun ONE web server, IBM HTTP Server, TAM
	4	WebSphere Application Server 3.5, 4, 5.x, 6.x, WebSphere Portal, WebSphere Edge
	2	Bea Weblogic 6, 7, 8
	4	Tomcat and JBoss, Borland Application Server
	3	Sun ONE Directory, IBM Directory, RACF SDBM/TDBM, OpenLDAP, MS AD
Databases	8	Oracle 7, 8, 9, DB2 UDB 7, 8, Sybase up to 10 (in integration roles)
Coding	11	Shell, ksh, C/C++, perl, php, python, Java, SGML/XML/HTML
J2EE Development	4	Forte, Eclipse, JBuilder, emacs/gnu, configure/make, Ant, Maven, ...
Java/Web Tools/	6	JDK 1.1 - 1.5, Load Runner, JUnit, TestDirector, InSight/Precise, Tivoli, TBSM
Security	4	WebSphere and Java Security, TLS/SSL, Kerberos, UNIX Security, TCP/HTTP
Hardware	10	Sun Hardware up to SF15K, RS/6000 up to Regatta, Intel/AMD Servers, SAN
Operating Systems	11	UNIX - Solaris, Aix, HP-UX, Linux, Sun Cluster, HACMP
	5	Windows Server (average skilled), z/OS - OS/390 - USS (basic skills)
Systems Management	7	Tivoli, Unicenter, TWS, SMS, UC4, AutoSys, Nagios/Orca/Netsaint/BigBrother
Network	4	Firewalls, DMZ, Edge Services/WAN, IP Sprayer, Hardware - Cisco and others
SCM	8	ClearCase, ClearQuest, PVCS, SCCS/rcs/cvs, Borland, Continuus, ...
Messaging	1	WebSphere MQ 5.2, MA88 (in architecture and integration roles)

Summary of major achievements

FIDELITY INTERNATIONAL, UK

Introduced an Internet / J2EE platform methodology.

Web server build with significant improvements in maintainability, security, performance.

Introduced an improved global collaboration approach to the Internet plaform.

Developed an identity management for use in the Internet plaform.

TUI UK

Implementation of cross organisational RFP and ITIL processes.

Improving change cycle performance and service level management of web selling and other applications.

Review and amendments of the Weblogic based J2EE development lifecycle process.

Development and implementation of a disaster recovery process for UNIX based applications including web selling.

Centralization and insourcing of central UNIX application platform, consisting of web selling, data warehouse, and yield management.

Development of an improved architecture of the backup services for web selling, application architecture support for the yield management application.

All listed activities were part of a change program. This program delivered major revenue increases, and reduced costs significantly.

Commerzbank

Introduced J2EE within the data centre organisation. Implemented a high efficient dual WebSphere platform (zSeries and Solaris). Defined and developed supplementary services and process improvements for this platform. This created an adaptable, efficient and continuous platform for e-business and intranet applications.

Design and coordination of infrastructure migration from old to new data centre location, focussed on UNIX based hardware and applications, their network and storage.

Introduced a enterprise workload management platform based on Tivoli, integrated the ERP system into the platform.

Definition of operational standards and deployment process for value at risk application.

DZ Bank

Definition of a systems and workload management architecture.

Deutsche Post

Introduced Sun hardware platform and services. Defined and designed standards for Sun hardware. Motivated and coached staff for the new platform.

Dresdner Kleinworth Wasserstein investment bank

Defined, designed and implemented operational standards and procedures for the investment banking IT.

Education and Research

1995   One year research in web technology in Providence, RI – USA, Fraunhofer society, Brown University

Developed extensions to the HTTP protocol in a W3C project and developed an SGML based webbrowser with frames.

1992.1996   Research in computer graphics, Fraunhofer society, Darmstadt

1991.1996   Studying economics and computer science at Technical University of Darmstadt

Project history

2006.8-2007.4   Internet Architect, Fidelity International, UK, 9 months

Various engineering activities for the middleware group, inlcluding web server build, deployment procedures, application server build, OpenDeploy based deployment methodology, gap analysis, WAS 6 and other training.

Developing an internet platform methodology and patterns, Introducing this concept. Implementing automation and configuration elements.

Assisted in establishing an strong engineering function for the internet platform.

Supporting various J2EE projects with consultancy, process support, and solutions development for specific requirments, including SOA model, security and identity model, capacity model.

Assisted in an RFP process to inject marketplace experience in the long term internet channel strategy.

Implementing automation and non-silo deployments, repeatability, and configuration management.

Troubleshooting; assistance of BAU teams for some internet infrastructure incidents, including Vista/TLS-Extensions issue, various security/LDAP incidents, topology/connectivity-incidents, inconsistent environments related incidents.

Technology: WebSphere Application Server 4 – 6.1, Solaris 8, Aix 5.3 and p550 hardware, WLM, CA Netegrity Siteminder, Active Directory, SSL, HTTPS, LDAPS, F5 Big IP, IBM HTTP SERVER/Apache, JBoss 4, gcc, mod_auth_kerb, DMZ, Web Services/SOA

2006.3-2006.4   Technical Architect, Commerzbank, Frankfurt, 6 weeks

As part of the long term relationship between Commerzbank and myself I did a short consultancy for their recent move to WebSphere 6 within the Java environment introduced in 2003.

Design and coordination of dual-platform amendments for WebSphere 6. Presentations for clients and stakeholders.

Technology: WebSphere Application Server 5.0 – 6.1 and Extended Deployment, zSeries, Solaris 8 – 10, Oracle, JDBC, LDAP, Apache/IHS webserver, WebSphere MQ

2005.10-2006.1   Rollout-Manager, Dresdner Real Estate bank, Frankfurt, 4 months

Coordination between steering committee, data centre, software supplier, project team.

Rollout of WebSphere portal applications, managed task force for troubleshooting.

Coached staff for new operational roles, managing the rollout plan, gap analysis to identify and prioritize open changes and incidents. Developed an improved deployment process. Hands on troubleshooting.

Technology: WebSphere (WAS 5.1), WebSphere Portal 5.0, and MQ Series, Solaris 8, Mainframe and web service backends. Intranet, SSL, Client Certificates, Apache 1.3 and 2.0, SOAP, XML, HTTP-Proxy, Continuus, WSAD, Eclipse, PDF, CVS, ServiceCenter, High security.

2004.1-2005.10   Technical Architect, TUI UK, London, 21 months

Infrastructure activities included: Performance tests and platform selection of hardware options for the yield management application. Developing a globally distributed Business Intelligence server infrastructure, Architecture support for the performance analysis and tuning of the data warehouse. Developing changes to the system and network architecture of the web selling platform.

Developed a disaster recovery solution for UNIX based operations, web selling and other applications.

Design and improvement of inter organisational RFP Service Level Management and ITIL processes.

Supported application architecture for web selling, business intelligence, data warehouse and yield management.

Defined systems management architecture, in particular backup services and scheduling services.

Project management for developing measures for performance improvements in web selling, yield management and business intelligence, using Compuware services and Loadrunner.

Planning, RFP, and review of migration from TWS to UC4 global for data warehouse and yield management.

Relocation planning for CMS and business intelligence system.

Project management for developing new communication architecture for globally distributed business intelligence application.

Created and managed RFP's and changes. Supported problem management.

Architecture support for Oracle application based HR system.

For web selling, developed a multi branding platform architecture for more than 50 brands.

Technology: Sun SF15K, V880, StorEdge, Sun Blades, EMC Symmetrix, Veritas Netbackup, TSM, Oracle 8, Solaris 8, Cognos Powerplay Series 7, DB2 UDB 7 and 8, Informatica 7, Chordiant marketing director, UC4 global, TWS 7 and 8, Tivoli ITM/TEC/TMR, Bea Weblogic 7 and 8, iPlanet/SunOne/Netscape webserver, Boostweb, Cisco firewall, hardware ssl engine, TestDirector, DNS server, Squid proxy, Loadrunner, WebSphere MQ 5, Orca, Nagios, SAN, Sun Management Center, Precise/Veritas Insight

The project delivered major improvements, web selling revenue was increased by factor 5, but not least through higher service levels and response times. Also it was possible to cut costs significantly through the insourcing. Service quality and incident resolution time improved, change quality improved.

2004.1   E-Business Consultant, Daimler Chrysler, Stuttgart - Germany, 2 weeks

Troubleshooting insufficient performance of WebSphere portal application.

Analysed application behaviour and performance. Fixed deployment bugs.

Developed a proposal for migration to WAS 5.1 and optimization of jvm parameters and other WebSphere settings.

Proposed changes to the Hibernate persistence layer.

Technology: WAS ND 5.0.1/5.1, Windows 2000 Server, Oracle 9.2.0.4, WAS Security - custom registry, Hibernate, Eclipse, Developerworks, jmeter

2003.6-2003.12   Technical Architect, TUI Germany, Hanover and London, 7 months

Insourcing existing web selling (Bea), data warehouse, price optimization system from IBM UK to TUI headquarters in Germany. 25 servers were relocated, including 2 terabyte of data.

Developed and coordinated relocation strategy for relocation of network, systems, and storage.

Developed operational guidelines and processes for the insourced applications.

Coached operational and 24x7 monitoring staff for the new applications.

Developed and integrated systems management with the new applications. Developed and coordinated a systems management architecture.

Creation of proposals.

Introduced high demanding service levels into the operations organisation.

Analysis and Design of an improved development and deployment process for WebLogic. Defined standards for the development environment. Developed a proposal how to amend the organisation to meet the best practice in web deployment, which was later implemented.

Finally moved to TUI UK to support the architecture and application support teams of the client.

2003.3-2003.5   E-Business Consultant, Daimler Chrysler, Stuttgart - Germany, 3 months

Improvements for various J2EE applications.

Migration from WAS 4 to 5.1

Defined improved deployment process between supplier, application support and operations.

Defined container requirement standards for the application support organisation.

Technology: WAS 4 and 5.1, Windows 2000 Server, Oracle 8

Coached application support staff about J2EE deployment process

Introduced deployment quality standards and tests.

Definition of minimum deployment requirements for the supplier.

Technology: WAS 4, Windows 2000 Server, Oracle

Performance analysis study for WAS 5 application

Application had bad performance due to development bugs in the Hibernate framework.

Technology: WAS 4, 5.0, 5.1, Custom Security, DB2 UDB, Hibernate, Solaris, DMZ, Jmeter, Junit, WebSphere Performance Tools

2003.1-2003.3   Application Architect, Commerzbank, Frankfurt, 2 months

Application architecture of J2EE application

Analysed and identified problems of a delayed J2EE application. Performed the gap analysis against corporate operation and development standards.

To solve problems, defined development and deployment standards, defined code audits and coached staff, fixed several bugs.

Defined rollout plan. Negotiated between business, development and operations to allow catch up of delays.

Technology: WAS 4, Oracle 8.1.0.6, Solaris 7/8, Aix 5, WAS Security, MQ Series 5.1, Connect:Direct, Sun Forte, Visual Age for Java

2001-2003.1   Technical Architect, Project Manager, Commerzbank, Frankfurt, 25 months

Rolling out J2EE platform based on WebSphere in the data centre

Before the rollout, Java in general and WebSphere in particular was unknown to data centre staff.

After the rollout until today they operate a highly sophisticated dual platform (Solaris, z/OS) WebSphere environment, both platforms with 60 applications each, internet and intranet, parallel use of 4.5, 5.0, 5.1, 6.0, which are switching on demand between Solaris and z/OS and corporate webservices for logging, authentication, authorization and other common services.

All kind of work was required to achieve this. My primary role was lead architect for the operational environment, technical project manager, coach, and trouble-shooter. I coached corporate architects, z/OS and Solaris staff, development and security staff, in all involved data centre departments, including negotiations and marketing.

Beside that, severe problems had to be identified and finally solved with IBM, especially due to using z/OS RACF SDBM as the central authentification source for both platforms.

Work included defining standards, installing, configuring and deploying WAS and WebSphere applications on a distributed platform. Automating the procedures, defining and managing extensive tests, advanced security definitions, introducing and utilizing certificates, developing application/operational standards and web services for logging and authorization, analyzing differences and similarities between the platforms.

Tests included function tests, standard compliance tests, platform integration tests, performance tests, security tests. The work also included evaluation of all kinds of related WebSphere and Tivoli software, as well as Sun ONE software. Also many other combinations of webservers, proxies and directories. Edge, TAM and some SAP R/3 options were evaluated.

Developed custom SCM configurations and processes to improve deployment processing and source code compliance. Evaluated and implemented different JDBC solutions, IMS Connector, MQ Series with MA88 and custom extensions.

Architected and implemented DR and BCM support, as well as horizontal and vertical scaling options for load balancing and high availability. Developed custom stacking of multiple WAS instances per system and environment. Defined and upgraded systems management components to allow for sufficient control over the environments. Developed business reports as decision support for future rollout and usage, aimed to the head of data centre and the

java steering committee.

Another remarkable achievement included the cooperation between host and UNIX staff.

Defined and designed a custom implementation of an "Intelligent Orchestrator" to add/remove resources fully automated.

We also supplied the development organisation with working standards, test environments, support, and a rich tool suite like many out of the box usable test benches including a test application.

Technology: WAS 3.5, 4 AE, WSAD, TAM, IHS, Solaris, z/OS, WAS Security, PKI/CA, Firewall, Oracle 8, DB2 UDB 7, web services, SCM tools, Aix systems management integration, Tivoli Web Management tools, TBSM, Apache, IIS, MQ Series, Connect Direct, Test Director, LoadRunner, ksh

2000.2001   Technical Architect including infrastructure architecture, Commerzbank, Frankfurt, 24 months

Data centre relocation, Scheduling Architecture, ITIL processes

Architecture, design, and rollout of a workload management architecture based on TWS.

Coordinated activities for UNIX based infrastructure during data centre move. Defining transition scenarios. Architecture support for relocation and hardware replacement of various unix based applications.

Applied workload management architecture to the SAP R/3 environment. Project management and coaching of staff.

Technology: Sun hardware, Aix, Regatta, HACMP, Sun Cluster, various storage systems, Solaris, Apache web server, PHP, TWS 7, SAP R/3 4.6, TWS SAP adapter

1999   Test Manager, Commerzbank, Frankfurt, 12 months

Roll-out and quality assurance for VaR application

Technology: S-Modul, Algorithmics, Asset Control, Tivoli Workload Scheduler, Solaris, iPlanet web server, E10k

1998   Technical Architect, DZ Bank, Frankfurt, 6 months

Definition of system and system management architecture for VaR application

Lead the selection of Sun server hardware and systems management software. Evaluation, Benchmark testing

Defined and designed system and workload management architecture for VaR platform.

Technology: Sun server hardware (E4000, E6000), Apache web server, CA Unicenter TNG, Solaris, PVCS, ksh

1998   Technical Architect, Project Manager, German Postal Service, Germany, 6 months

Introduced Sun hardware platform and professional services into the Deutsche Post organisation. Project management for the on site team from Sun. Coordination of various hardware rollouts.

Defined a standard architecture for Sun systems, including automated deployment, standard hardware classes, systems management integration, and automated administration.

Technology: Various Sun Servers and Sun Storage, Reliant UNIX, SCCS/cvs, ksh, SNMP

1997   Support Manager, Roll out of VaR application, Commerzbank, Frankfurt, 12 months

Definition of interface change process, staging environments and quality criteria, roll out planning.

Technology: Sun E10000, Solaris, Apache web server, Clearcase, Oracle, TWS/Maestro

1996   Support specialist, Dresdner Kleinworth Wasserstein, Frankfurt, 12 months

Defining and implementing operational standards and procedures

Definition, design, and implementation of an UNIX based state of the art 200 node high availability cluster.

Technology: Sun SS1000, Solaris, rcs, tcl/tk, c/c++, ksh, Myrex, Condor+, various front office trading systems.