

Curriculum Vitae

Stockklauser, Alois

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Education

When	Where		
01.09.1967 - 31.07.1971	Elementary School	Volkschule Reit im Winkl	General Elementary School
01.09.1971 - 31.07.1980	High School	Landschulheim Marquartstein	Mathematical-Scientific High School
01.11.1980 - 31.08.1986	University	Technische Universität München	Chemistry

Occupation

When	Where		
01.04.1985 - 30.06.1986	Senior Editor	Markt & Technik, Haar	Publishing
01.10.1986 - 31.12.1986	Software Support	Fast Electronic, Munich	Hardware Manufacturer
01.01.1987 - 31.03.1993	Freelancer	Freelance	Software
01.02.1993 - 30.09.1997	Managing Consultant	Gemini Consulting, Bad Homburg v.d.H.	Consulting
01.10.1997 - 30.06.1998	Principal Consultant	Consulting Partner, Frankfurt	Consulting
01.07.1998 -	Freelancer	Freelance	Software

Languages

German, English

Skills

Skills	Applications
Programming, Expert	C, C#, C++, Assembler, Java, Objective C, ColdFusion, VB(A).Net
Testing, High	JUnit, NUnit, TFS Suite
Design & Modeling, Expert	ARIS, Enterprise Architect, Innovator, Altova, Visio, Rational
Planning, Expert	MS-Project, Primavera
Process Reengineering, Expert	ITIL, CMMI, SPICE, Six Sigma (Lean) Master Black Belt
Process Modeling, Expert	ARIS, Enterprise Architect, Visio, iThink, Innovator, Pega, Mega
Database Design, Expert	Enterprise Architect, Innovator, Visio, SQL DBs
XML Schema Design, Expert	Enterprise Architect, Altova
Process Know-How, Expert	Product Dev., Purchasing, Prod. Plng, Forecasting, Inv. Mngt, After Sales, SCM
Requirements Engineering, Expert	Enterprise Architect, Rational Requisite, Doors
Web Development, High	ASP.NET, DreamWeaver, Expression
Technical Documentation, Expert	FrameMaker, InDesign, Xpress
Imaging, Expert	Photoshop, Phase One
Project Methodology, Expert	MIL STD 498, ISO 12207, V-Modell XT, Hermes, PRINCE II
Integration Tools, High	Sharepoint, BizTalk
Statistics and Numeric Tools, High	SPSS, Statistica, R, SAS, IMSL, NAG
Translation Tools, Expert	Trados, Transit, MemoQ, Across

Projects

What	When	Industry (Role)	Details
Test System Implementation	10.08.2012-	Transportation (Software Architect)	Setup of the communication framework for the automation of test scripts for train control systems according to the various national and international regulations (C#, WCF, WPF, MS-SQL Server).
Localization and Translations	1.7.2011-30.09.2012	Translation (Resource)	Various clients, mainly IT, Medical, Engineering and Business Management subject matters.
Training Material Adaptation and Localization	22.9.2011-15.12.2011	Military (Lead)	Preparation and localization of Green and Black Belt training material of Six Sigma for Service interface.
Offshore Implementation Support	12.4.2011-15.08.2012	Telecommunication (Mediator)	Provision of a reliable interface between the contractee and the offshore contractor for unified order processing, routing and controlling (BI, DWH) systems.
Linguist Support	16.6.2011-24.6.2011	Military (Resource)	Linguist interface to property stakeholders and public of a Joint POW/MIA Accounting Command project near Spangdahlem to find the pilots of a B-27 airplane, which crashed in December 1944.
Process Definition and Modeling	15.1.2011-13.3.2011	Financial Services (Resource)	Definition and Modeling of the processes of an infrastructure-related investment bank seamlessly integrating the financial impact of procurement und engineering facilities. (Concept for a .NET implementation)
ITSM	2.8.2010-20.11.2010	Defense (Resource)	Design and implementation (mainly by PowerShell scripting) of Active Directory sync and name resolution to BIND-operated systems (Sun, VMS Open). In addition, various W2K3/8 AD services have been configured, tested and activated.
Drug Approval Documents	4.12.2009-15.9.2010	Pharmaceuticals (Resource)	Preparation of Phase-II clinical trial documents (patient consent forms, statistical analyses, communication to drug approval authorities, sponsors and ethics committee, miscellaneous print and presentation material).
Interface Streamlining	14.12.2009-26.3.2010	Financial Services (Stream Lead)	Interim solutions for compliance processes focusing money laundering, fraud prevention, financial sanctions and global customer profiling had to be streamlined by defining automatic interfaces from transaction checks (e.g. SironEmbargo) to legacy and/or CRM systems in order to close gaps and eliminating time-consuming manual process steps. (C#, Reflection)
CMS Relaunch	15.05.2009-15.11.2009	IT Provider (Resource)	In the course of an internationalization approach the architecture of a well-established Web Content Management System had to be redefined. In addition, the product structure has been simplified.
Tender for Transportation Systems	01.04.2009-31.05.2009	IT Provider (Resource)	A service offering for multimodal transportation system had been reworked and supplemented.
OR-Mapping	15.09.2008-28.02.2009	Publishing/Training (Resource)	An introduction into object-relational programming with C#/.NET LINQ from requirements engineering, modeling, and implementation.
Software Integration	01.08.2008-30.09.2008	Translation Agency (Resource)	The order processing and financial SW systems have been integrated by use of triggers with Trados workflow SW.
SW Implementation and Adaptation	01.07.2008-31.08.2008	Biotechnology (Project Lead)	Web- and DB-based (LINQ to Entities/EDM) Balanced Scorecard with Business Objects xCelsius and various .NET KPI entry screens and a dedicated user access administration. (C#, .NET, LINQ, WPF)

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Quality Assurance	20.04.2008-15.07.2008	Public (Stream Lead)	Responsible for quality assurance of a major programme for various registry harmonization initiatives and statistical ripples, especially reviewing requirements documents.
SW Estimation Methodology	15.04.2008-15.07.2008	Transportation (Stream Lead)	Development of a basic estimation process including XL checklists for JEE, SAP and standard SW. Process modeling with a preliminary rule-set in Pega SmartBPM for the project approval process and the subsequent quality gates of the various project phases.
SW Development	10.12.2007-31.03.2008	IT Provider (Technical Project Lead)	Assessment and selection of the .NET development team, definition of immediate bug-fixing actions, proposal of organizational measures, HW changes, appropriate SW methodology (ICONIX) and use of tools, e.g. Sharepoint for an industry-profiling early watch system of major macroeconomic indicators. (C#, SOA, Oracle)
Process and Software Modeling	01.08.2007-15.01.2008	Public (Stream Lead)	Modeling of the administrative processes of a public employment research agency. Class modeling including data access and screen design objects in a model-driven architecture flow (Innovator / JEE).
Process Design	01.10.2006-31.05.2007	Defense (Project Lead)	Modeling of installation and upgrade procedures for military aircraft mission planning systems in UML straw-modeling installation and acceptance test procedures (amongst applying GUI regression testing).
Application Strategy & Web Design & DB Publishing	01.01.2005-31.05.2006	Tourism (Project Lead)	Analysis and assessment of current IT structures and cost development: IT Organization (head of department). In-depth evaluation and prototyping of Websphere environment. Implementation of newly introduced lifestyle paradigms, cross-media management, output templates in InDesign. (MS-SQL consolidation database)
Design and Implementation	15.12.2003-28.02.2005	Defense (Stream Lead)	Process modeling (ARIS) and design / preparation of qualification and acceptance test procedures of a 4-national in-service support system for a military aircraft. Alignment to the national procedures.
Logistics Setup	15.01.2003-20.02.2003	Automotive (Project Lead)	The definition of efficient processes for an automotive supplier (wiring) for the preparation of a simultaneous product launch at two sites in Germany and US.
Localization	10.01.2003-15.03.2004	Automotive (Resource)	Adaptation of software and documentation as well as testing of engine and transmission optimization test benches (performance, consumption, emission, driveability) including all subsystems to American and Far-East markets.
After Sales	15.07.2002-31.03.2003	Automotive (Stream Lead)	Planning of moving and organizational merge of two departments covering after sales processes.
Production Planning	10.11.2001-31.05.2002	Hardware Manufacturer (Project Lead)	The order fulfillment had to be ensured via a simplified capacity and material requirements planning system including purchasing and distribution processes. Therefore an SQL-based system was programmed scratch-on in VB(A) and C++ accompanied by several Access queries. Re-implementation of major modules in .NET and C#)
PC Production	15.08.2001-30.09.2001	Hardware Manufacturer (Project Lead)	The processes of the PC software pre-load required massive rework in accordance with tighter license regulations and the respective production framework.

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Distribution	15.10.2000-31.08.2001	Wholesale (Project Lead)	Rising distribution costs enforced an optimization of outlet locations and routing. The inventory management was optimized by implementing new re-order algorithms with an approach of Poisson statistics. Savings: 25 % reduction of the fleet (approx. 10 Mio. DM). Analysis of all delivery line items by a MS SQL database.
Application Strategy	15.03.2000-30.06.2000	Hardware Manufacturer (Stream Lead)	The mid-term application strategy in sales, logistics, service and administration has been renewed by evaluating standard ERP and CRM systems.
IT Implementation	15.03.2000-31.10.2000	Hardware Manufacturer (Stream Lead)	The basic master data of two subsidiaries were joined together. Processes in material management of service were defined via standard CRM solutions.
Production Planning	15.09.1999-30.11.1999	Pulp and Paper (Stream Lead)	Along the definition of a comprehensive application strategy six plants of a paper manufacturer had to be unified with a European-wide production planning software (Procurement, Production Planning and Quality Assurance).
Service Level Agreements	01.07.1999-31.03.2000	Hardware Manufacturer (Project Lead)	On the one hand, during the restructuring of the once largest European computer manufacturer / retailer the IT services of the excluded country organizations had to be ensured while on the other hand the implementation of new IT systems in the various new organizations had to be supported.
Logistics Optimization	01.10.1998-30.06.1999	Tire Trading (Project Lead)	The release of current assets in branches and central warehouses employing appropriate stock keeping strategies as well as defining a new pricing strategy and the optimization of the support processes in the accounts receivables and purchasing ledger accounting showed considerable improvement of return of investment. In addition the segmentation of the outlets was completed with a concept of a discount branch (VB and MS-SQL).
Product Development	15.04.1998-30.09.1998	Automotive (Stream Lead)	The steering of the development process for a telematics device - from the invitation to tender up to the test phase - was the most important task next to the support of implementation of system services (voice server, traffic information processing, breakdown services, emergency calls etc).
Purchasing	15.10.1997-31.03.1998	Pulp and Paper (Coach)	For the newly implemented central purchase department, which should have coordinated the activities in approximately 10 factories new processes were defined especially regarding the steering of the strategic process as well as the decentralized purchase departments.
Material Management	01.09.1997-31.01.1998	Telecommunications (Project Lead)	Discrepancies in the comparison of balances of investment and current assets of a network carrier required an extensive analysis of systems and processes regarding the planning and order processing, the materials management up to the process of maintenance.
Sales Planning	16.08.1997-20.09.1997	Cosmetics (Coach)	The quality of sales planning of two different sections of the same company was systematically compared. Then, a concept was developed for the future operations planning of the interfaces.
Sales process / IT Implementation	15.06.1997-31.08.1997	Fragrances (Coach)	The company wide strategic decision to introduce an ERP solution for all units was reviewed for the fragrance sector of a European region as well as for the German sector deploying newly created and optimized processes.

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Audit Maintenance Costs	15.05.1997-25.06.1997	Public (Project Lead)	The strict separation of investment and current expenditure in the state budgets of the public sector cannot be applied to IT-expenditure without specific restrictions. To what extent maintenance and operational expenses can be seen as investments had to be delineated conclusively. Practical definitions were developed for the specific categories which were proposed as examples for future classifications.
Business Planning	01.02.1997-15.09.1997	IT Provider (Stream Lead)	The basis for guaranteeing reliable future growth was the review of the existing business plans and the development of a sound and systematic business plan for the software products of an IT-supplier for the specified areas taxation, journal, road traffic and shipping as well as business administration. The evaluation of the as-is situation was done at the same time as focusing on new customer segments. The re-launch of a product which was at the end of its life-cycle was in need of the development of a service offering for the system integration of standard software components for the segments document management, work flow management, groupware and imaging for the business administration in the public sector, federations and banks.
Securing of Strategic Operations	20.11.1996-31.01.1997	IT Provider (Resource)	Due to a strategic change of policy the owner of an IT-supplier created massive insecurity within staff and customers. In workshops conducted with great care the viewpoints of both staff and customers came to light and formed the basis for extensive measures. Only the specific coordination of all stakeholders (owner, management, employees, customers) in the decision process could defuse the precarious situation and lead into the right direction.
IT/BPR Project Planning	15.10.1996-31.03.1997	Oil & Gas (Coach)	A European oil company had decided to introduce SAP. The various requirements for the individual value-chain units had to be coordinated with the decision-making options: centralized/decentralized in the planning phase, in order to minimize the implementation risks on the one hand and to ensure the great synergy potential on the other hand.
Logistics processes / IT Implementation Planning	15.06.1996-30.09.1996	Health Care (Coach)	As a result of major acquisitions the separate units of a booming manufacturer/provider in the health care sector were merged. The tasks of the logistic units in the countries of the newly founded region of Southern Europe (France, Italy, Spain, Portugal, Greece) were partly united and fitted into a multistage centralized/decentralized distribution system. For this, all processes from sales to the flow of materials and the financial sector were modified respectively redefined.
Project Portfolio	15.11.1995-31.10.1996	General (Stream Lead)	Due to a serious recession the profit margin of a building contractor decreased (production and general contracts). This was counterbalanced by introducing individual selection processes in the offering phase. The necessary requirements were newly defined operational strategic targets which could be implemented in addition to that a stable medium-term planning for the individual sectors of the company.

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Process Layout / IT Implementation	15.04.1995-31.01.1996	Defense (Stream Lead)	For the implementation of the IT system for an arms manufacturer (from firearms to tanks) the processes were revised and adapted. Through optimizing the implementation plan and intensive negotiations with the systems integrator the costs of implementation remained within the planned budget.
Filling & Packaging	10.03.1995-31.05.1995	Health Care (Stream Lead)	As part of a comprehensive analysis process for a diagnostics/diagnostic appliances manufacturer the reasons for bottlenecks in the department filling & packaging were scrutinized.
IT Implementation Planning	15.10.1994-15.11.1994	Fibers (Coach)	The emphasis of this task was the development of a procedure for a proactive integration of an international IT provider into a comprehensive transformation project. For that reason, the employees working in South Africa had to be included in the procedure and had to be trained jointly with employees of both external companies - ultimately the integrated teams had to be set up.
Process Reengineering / IT Implementation Planning	15.11.1993-30.06.1994	Defense (Project Lead)	For a production company (ammunition) - formerly 3 different enterprises - the processes for personnel management, finance and logistics were optimized and unified. Intensive communication helped to bridge the cultural gap between the different locations and a successful of a comprehensive IT system.
Software Evaluation and Implementation Planning	01.08.1993-30.11.1993	Defense (Project Lead)	For a European department of defense and the associated businesses a software system had to be evaluated, which had to take into consideration the different requirements of the various arms of the service – air-force and army - as well as public utilities and transport, production and administration. The heterogeneous evaluation committee was guided by a selective GATT tender employing a carefully structured process. Along the negotiations with the future systems integrator the framework for the systems implementation had to be created and an overall plan for 10 different organizational units had to be set up. The costs (internal and external) of this extensive project amounted to 200 Million SFr.
Materials Management Analysis	01.07.1993-30.09.1993	Defense (Stream Lead)	Breakdown of the organization of operations and supplies of materials management of a European Country. Potential for improvement were coordinated with all relevant units. Measurements were developed jointly in order to implement cost savings. Immediate steps were initiated and implemented the same year.
Process Analysis	15.04.1993-30.06.1993	Oil & Gas (Coach)	Significant savings potentials have been identified and ultimately implemented within the analysis department of a petrochemical company.
Purchasing Volume Analysis	15.03.1993-30.04.1993	Tire Manufacturer (Coach)	Thorough analysis of the entire European procurement of a leading tire manufacturer (volume 10 billion DM).
Logistics Improvement	01.02.1992-31.03.1993	Chemicals (Stream Lead)	In the preliminary stages of an SAP/R2 implementation for order processing and materials management these processes were optimized in accordance with the subsequent IT implementation. Adaptations were needed with a focus on sales and production, which were introduced step-by-step. Significant savings for order processing, stock keeping and purchasing surpassed all expectations.

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Statistics Software Localization and Development	10.06.1987-31.01.1990	Software (Freelancer)	Localization of a comprehensive statistics software for industrial applications (QA, Clinical Trials, etc.). Enhancement by multivariate functionality for a major German Automotive company to resolve orange-peel effects at paintwork by use of multivariate (Cluster Analysis, Bayes).
Database Development and Publishing of Occupational Diseases	15.04.1987-31.05.1987	Public (Freelancer)	Development of a database system for online processing and automated publishing /w multiple views of German occupational diseases.
Diagnostic Therapy Reference System	01.03.1987-30.04.1987	Medicine (Freelancer)	Development of a database system for online processing and automated publishing including incremental updates.
Programming	01.02.1987-30.04.1988	Financial Services (Resource)	Table-based (COBOL) development of a security processing system.
Translation and Publishing	01.10.1986-31.03.1992	Software (Freelancer)	Siemens, Addison-Wesley, BBN, 3Com, Wolframs Fachverlag, ecomed.
Turbo C/Pascal Localization	01.09.1986-31.12.1989	Software (Freelancer)	Localization of C/C++/Pascal/Assembler/Debugger manuals. Author of Atari C compiler.
Phase Shift Calculation	12.01.1986-15.01.1986	Defense (Resource)	Assembler (8096 - w/o floating point ops) implementation for the distance measurement for an anti-tank gun.
Dongle Interface Programming	01.12.1985-31.12.1987	Hardware Manufacturer (Resource)	Development of the interface and high-level language implementation for a software dongle.
FFT Assembler Programming	01.12.1985-15.12.1985	General (Resource)	Software implementation for high-performance hardware of Fast Fourier Transformation and convolutions.
Cluster Analysis Programming	01.09.1985-31.08.1986	Science (Resource)	Development of an analysis package for neutron-activation analysis data including cluster and principal components analysis for archaeological specimen (Peruvian Indians).
Partial Least Squares Programming	15.08.1984-30.09.1984	Science (Resource)	Implementation and optimization of multivariate regression algorithms in EROS (Erzeugung von Reaktionen zur Organischen Synthese).
Instruments Development	15.04.1984-31.01.1985	Hardware Manufacturer (Resource)	Development of a control and analysis software for a multi-channel analyzer (Mössbauer, UV, Alpha/Beta/Gamma spectroscopy. Commercial applications in gold mines, nuclear power plants, Chernobyl, 125 implementations).

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