

Curriculum Vitae: Stefan Ohrhallinger

Software Developer

Languages spoken and written: German, English (fluent), French (intermediate), Spanish (basic)

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Birth date: 14.3.1974

Nationality: Austria

Summary

Graduated software developer with 8 years full-time professional experience in object-oriented programming in large web-based and middle-ware projects, partly as architect and team-leader. Skilled in Java, C/C++, Smalltalk, Unix/Linux, object-relational persistence frameworks, open-source tools. On the side also strong interest in 3D-graphic programming/research. Highly motivated, goal- and customer-oriented and good communication skills.

Relevant experience

Software architect & developer (Aug 2000 – Mar 2005)

BEKO Consulting, for Ministry of Interior of the Austrian Government

Software architect and at first also team leader of a new and expanding team (10 developers).

Responsibility for the decision of the hardware and software used, architecture and version management, database-mapping middleware tool and workflow engine integration.

Setup of a central database accessible as a web-service for residential records for all residents of Austria, with migration of the data from all of the 2359 individual municipal databases.

Phase I: Aug 2000 – May 2001: first deployment had to be in time with the 2001 census.

Phase II: Jun 2001 – Mar 2003: bugfixing, optimization, change requests and data cleansing.

Phase III: Apr 2003 – Mar 2005: adding workflow engine and government business processes workflow into the web-service, change to the new standardized web-service interface

The project was realized in Java with Websphere Studio as IDE, Websphere Application Server and DB2 on 4 IBM 4xCPU RISC servers.

Link: <http://zmr.bmi.gv.at/>

Consultant (Oct 1999 – Jul 2000)

BEKO Consulting, for VÖEST, Linz

Evaluation of integration of Oracle Application Server and BEA Application Server in the customer's environment. Setup of a process + training of software version management.

Consultant (Jan 1999 – Sep 1999)

BEKO Consulting in-house

In-house Consultant in the fields of Java, Middleware, Linux with the goal of building up in-house know-how to sell in consulting and as well transfer the knowledge through courses in the BEKO Academy. Evaluation and demo applications with various application servers, databases and Linux.

Application Programmer (Nov 1997 - Jan 1999)

BEKO Engineering, for Customer Generali Versicherung

Implementation of requirements/bugfixes in Smalltalk for a large Austrian insurance company platform project in Smalltalk

3D Graphics Consultant (Aug - Sep 1996)

C-TAD Systems, Ann Arbor, MI, USA

Analysis and prototype of a middleware layer on top of 3D engines (HOOPS, PHIGS) to run on several Unix systems as well as Windows 3.1x/95/NT for their applications.

Trainee (Aug - Sep 1995)

Steyr-Daimler-Puch (now Magna), Steyr, Austria

Evolutionary prototype for an engine cooler optimizing system, programmed in Visual C++ Studio, for the display of 3D-graphics the object-oriented library HOOPS was used.

University Practical Experience Project (May - Aug 1995)

Hospital der Barmherzigen Brüder, Linz, Austria

Port of a visual training application for handicapped children from Unix to C++/Macintosh, involving display of 2D-graphics.

Application Programmer (1990 – 1992)

Afterschool Job, designing several order processing applications with a CASE tool + overlay image support to allow the textmode application to display images of products.

My own projects

Realtime graphics effects, taking part in the 'demo scene', realization of an optimized 3D-engine
Research Project 'Directly rendered quadratic bezier patches': <http://s2.enemy.org/~stef/quadratics/>,
from Aug 2005 – May 2006.

Open-source project: automatically cutting advertisements from recorded video

Computer skills

Programming languages: Java (8 Years) with IBM Websphere Studio, C/C++ with MS Visual Studio, x86 Assembler, Smalltalk, Pascal, Unix Shell Script

Databases: DB2, Mysql, Oracle

Middleware: IBM Websphere Application Server, Oracle Application Server, OJB o/r framework

Operating Systems: Linux, AIX, SunOS, MS Windows NT/2000/XP

Design: Rational Rose, UML diagrams, ER diagrams, flow diagrams

Personal skills: good teamworker, good in research and in working independently, having an architectural overview, some teaching (Java), presenting of results, expresses well in written form

Education

- Certificate of Java Programmer/Developer, 2000
- Graduated as Magister (including thesis, equals master degree) in Computer Science combined with Economics, 1998 Johannes-Kepler-University Linz, Austria. Major in visualization