Marian Aldenhövel

Personal information

Date of birth:	21.03.1969 in Rosenheim Obb.
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Curriculum vitae

2010 – 2016	**Senior Expert Consultant** Risk & Finance Dept, DekaBank, Frankfurt
2007 – heute	**Systemgilde GbR** Founder (with Joe Galinke und Ralf Mimoun) Software-development and consulting for finance, administration and industry
1992 – heute	**Freelance** IT-Consultant, Software
1990 – 1994	**Computer Science studies** Friedrich-Wilhelm Universität Bonn
1988 – 1990	**Mathematics studies** Technische Universität München
1988	**General qualification for university entrance** Benediktinergymnasium Ettal

Skillset

Operating systems:	DOS, Windows, Linux, Android
Programming languages:	Delphi, C / C++, C#, Java, JavaScript, PHP unfortunately
DMBS SQL:	MS SQL Server, Oracle 10 and 11, MS Access, Firebird, Interbase, SQLite et al.
Miscellaneous Products and Standards:	Sphinx Search, neo4J, node.js, nginx, redis, Qt, iText, Wordpress, jQuery, bootstrap, backbone.js, Tomcat, JBoss, Glassfish
Development tools:	Visual Studio, Embarcadero RAD Studio, Eclipse, Version control (Subversion, git), Issue tracking (Fogbugz, Mantis, Traq, Jira), Automatic Builds and Testing (Maven, FinalBuilder, JUnit, NUnit, DUnit), Automated reporting and monitoring (Eureka, madExcept u.a.)
Virtualization:	VMWare Server, VMWare ESX, VMWare Workstation, Microsoft Azure, Amazon AWS.
Document management:	Alfresco, Documentum
Languages: **Deutsch**	Native
Englisch	Fluent

Previous professional experience

09/2010 – 08/2016 **FOBOT - Front Office/Back Office Tool, Kunde DekaBank**
Project manager, Senior Expert Consultant
C#, MS-SQL

Design and development of a complex desktop application.

The system integrates financial information from various other systems within the bank. This includes changes in interest or exchange rates, or modelling-parameters. FOBOT is critical to the business unit experts in identifying and reconciling differences between the results from these systems. The system then produces various daily reports.

FOBOT is built in C# with a MS-SQL Backend.

06/2010 – heute **InterCOMM v4, Visionhall Information Systems**
Architect, Technical Lead, Developer
Firebird, Oracle, node.js, jQuery, HTML, CSS, Java, Javascript

Design and development of a modern Court Case Management System based on current technologies and open standards.

The system is built in a classical three-tier architecture. It features database-backends for Firebird, MS-SQL or Oracle. A middle tier offering a REST-based API. And a rich web frontend served by node.js.

It integrates services from Google, PayPal and other third-parties to provide specialized features like Cloud Storage, Push-Messaging and Payments.

The system has been deployed to Microsoft Azure and Amazon AWS cloud servers.

11/2008 – 07/2010 **Carnet de l'habitat, KATALYSE Institut**
Software Architect, Developer,
Delphi, Firebird

Design and development of a system used by experts to collect and record comprehensive information about residential buildings in Luxembourg and to produce and and manage certificates for their energy-use and emissions.

The software consists of central modules with a Firebird backend responsible for tracking experts and their work and remote modules that are used for data-entry.

08/2005 – 06/2010 **InterCOMM CMS, Visionhall Information Systems**
CTO, Software Architect, Developer
Delphi, Oracle, Firebird

A court case management system built using Embarcadero RAD Studio. Architecture is a classic 3-tier system with swappable database-backends. It includes a desktop rich client and a webbased frontend for public access.

The system was deployed to the Royal Courts of Justice in London, The DIFC Courts in Dubai and the Quatar International Court.

08/2003 – 06/2006 **kBox, Herrman Lümmen GmbH**
Software Architect, Developer,
C++, Qt, http, embedded Linux, SQLite

Operating software for customer activated terminals at filling stations. Tracks authentication of users using various factors (RFID and smart cards), authorization of quota, reporting and billing.

The system includes local UX on a touchscreen and various modules connected via USB and serial links.

The remote terminals communicate with central servers using http webservices.