

Dirk Makowski

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<http://parenchym.com>



Development of Desktop-, Client-/Server- and Web-Applications in these languages:

PHP, JavaScript, SQL, Perl, (ba)sh, Python, Ruby, Java, JSP, Microsoft .NET (C#, ASP.NET, ADO.NET), Delphi, VB, VBA, VBScript

Design and programming of databases:

PostgreSQL, IBM DB2, MySQL, Microsoft SQL-Server, Microsoft Access

Administration of:

Platforms Linux (Debian, SuSE), Microsoft Windows Server, OpenBSD,
IBM AS/400 (basic)

Services Apache web server, Microsoft Internet Information Services, DNS,
IMAP, LDAP, NFS, Samba

My current focus is on Linux servers, programming of databases and development of web applications for intranets and for websites. Also I offer services to develop software for individual needs as well as services to install and administer servers and networks (Linux, Windows).

I look back on many years of experience, and my enthusiasm to learn new subjects still is vital (exactly that is the appeal of this profession).

Work Scope




„Guten Tag“	German	Mother language
„Good day“	English	Proficient in oral and written speech
„Bonjour“	French	A little
„Ni hao“	Chinese	Started to learn

Languages



Career

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- since 1999 Work as freelance software developer and consultant.
Work as freelance IT-Trainer throughout Germany for several training companies.
-  Microsoft Certified Systems Engineer NT 4
- 1990-2002 Study of Philosophy and German language and literature, RWTH Aachen
- 1988-1989 Study of Electrical Engineering, FH Aachen
- 1988 Abitur
- since 1982 Using and programming computers (ZX 81, C64, 80286 etc.)
- 08.11.1968 Born in Aachen, Germany
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Certification

Networking Essentials, MS Windows NT 4.0 Workstation, MS Windows NT 4.0 Server, MS Windows NT 4.0 Server - Enterprise, Internetworking with Microsoft TCP/IP, MS Internet Information Server 4.0, MS SQL Server 7.0 – Administration, Windows 2000 Accelerated Exam (70-240)

Publications

MACKOWIAK, KLAUS UND MAKOWSKI, DIRK. *Die neue Rechtschreibung – schnell trainiert.* Das umfassende CD-ROM Training zu den Neuregelungen der Rechtschreibung und Zeichensetzung. Landsberg am Lech: mvg-verlag, 1997.

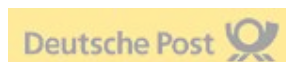
Projects

Time	Position	Description
Dec 2006 -Dec 2008	Project Leader, Developer	Development of a commercial internet portal (framework/backend, database design, business logic): http://www.stadtkontakt.de/ Platform: Linux, Apache, PostgreSQL; Paranonym Language: PHP 5, Perl, JavaScript, pl/PgSQL



Projects

Time	Position	Description
since 2005	Project Leader, Developer	<p>Analysis of several frameworks for web applications in Java, Perl and PHP. Intensive study of methods of software engineering (Design Patterns, Refactoring, Xtreme Programming, Unit Testing).</p> <p>Advancing development of my own framework for web applications in PHP5: Parenchym (http://parenchym.com/).</p> <p>Platform: Linux Language: PHP 5, JavaScript</p>
2005	Project Leader, Developer	<p>"Tool for cross-divisional sales and marketing". Web application that helps marketing staff during a dialogue with a customer to pick items matching the customer's profile from the complete portfolio. The goal for development was a web application that was easy to distribute, had an automatically updatable database and also could be used offline.</p> <p>Platform: Windows, Apache, SQLite Language: PHP, JavaScript, SQL</p>
since 2002	Project Leader, Developer	<p>Intranet and tools for pharma industry (among others: purchasing dept., goods reception, quality control, warehousing, batch tracing, production, inventory taking)</p> <p>Platform: Linux, Apache, PostgreSQL; AS/400, DB2; Windows; SAS, Parenchym Language: PHP, Perl, JavaScript, VBA, C#, SQL</p>
2002-2005	Project Leader, Developer	<p>Development of an own event driven framework for web applications, which is then used by clients: Samildanach Application Suite (SAS) (http://3amcode.com/).</p> <p>Platform: Linux Language: PHP 4, JavaScript.</p>
2002	Developer	<p>Developed an intranet portal for time recording, modelled after an existing desktop application.</p> <p>Platform: Windows, ASP.NET, MS SQL Server Language: C#, T-SQL</p>
6/2001-8/2001	Project Leader, Developer	<p>Web application to manage Human Resources.</p> <p>Platform: Linux, Apache; Windows Language: PHP, JavaScript</p>



Projects

Time	Position	Description
11/98 – 1/99	Project Leader, Developer	Software for document archival. Documents are archived by OCR and given tags. Platform: Windows Language: MS Access, VBA
1997	Project Leader, Developer	Software to train the new German spelling rules (see publications) Platform: Windows Language: Delphi



Satisfied participants of my courses came from these companies (among others):

AGIS Allianz Ges.f. Informatik Service mbH, Bayer AG, Bonner Akademie, Bundesamt f. Zivildienst, Bundesstadt Bonn, HVB Systems GmbH, ICL, IHK Aachen, Merck KGaA, Metro MGI Informatik GmbH, Nato, Stadtwerke Hagen, Stadtwerke Ratingen, Thyssen Krupp Information Systems GmbH, T-Systems debis Systemhaus GmbH, WestLB

Open courses at several training companies.

References

