

Tel. +49 1573 13 93 248
E-Mail: lukas@phpcat.net
WWW: <http://phpcat.net>



Lukas Dabkowski

Zend Certified PHP Engineer (<http://www.zend.com/en/yellow-pages/ZEND025669>)



EXPERIENCE:

01.04.2017 – : Ogulo GmbH Cologne (Germany)

LEAD DEVELOPER / SOFTWARE ARCHITECT

- Back-end development in cloud (AWS) - Nginx, Lumen, PHP 7.3, MariaDB, S3, Elasticache, SQS
- Creation of developer environments based on Vagrant and Ubuntu (LEMP + krpano)
- Architecture and development of the company's REST API (Lumen)
- Developing 360 degrees panorama software (example: <https://tour.ogulo.com/McvC>)
- Architecture and development of the company's RBAC system
- Architecture and development of a testing framework based on PHPUnit and Behat
- Architecture and development of the release management tool (PHP, Bitbucket API, CodeDeploy)
- Research of new technologies
- Agile team leading

01.05.2016 – 01.03.2017: Speakster GmbH Cologne (Germany)

SOFTWARE ARCHITECT

- Building a micro services backend solutions for using in web and mobile clients
- Choosing the software solutions for rapid application development
- Creating an infrastructure based on Amazon Cloud (EC2, Amazon RDS for MariaDB, Elasticsearch, Ubuntu 16.04, Nginx, PHP 7)
- Developing software solutions with Lumen, PHP 7, Elasticsearch and MariaDB

01.03.2016 – 30.04.2016: Ari Fleet Germany GmbH Koblenz (Germany)

QUALITY ASSURANCE SOFTWARE DEVELOPER - PROJECT

- Big Data processing
- Code refactoring
- Unit Tests
- Acceptance Tests
- Mentoring about software and problem solutions

01.05.2014 – 29.02.2016: artegic AG Bonn (Germany)

LEAD DEVELOPER / ARCHITECT

- Big Data processing with XML, JSON, CSV, ISAM and Oracle as the sources
- Technical projects leading (architecture, solutions, internal trainings). Testing new software/extensions.
- Monitoring of software creation process (technical and financial).
- Mentoring for software developers
- Quality assurance for the whole project development team
- Introducing good programming practices across the company
- Architecture of the continuous integration process, monitoring the roll-out processes, stage and live tests (automatic and manual)
- Interviewing the developer candidates
- Software security seminars within the company
- Coordination between the marketing and development units

01.07.2012 – 30.04.2014: Binserv GmbH Bonn (Germany)

SENIOR SOFTWARE DEVELOPER (BACKEND)

- Backend development of data processing software (PHP, Oracle)
- Creating and re-factoring web services (SOAP, REST) maintaining the customer document workflows (e.g. automatic filling of the mail merge fields in Office documents with a self-written DB->XML bridge).
- Gathering data from Microsoft Office formats (doc(x), xls(x), ppt(x), etc.), Outlook mails, SharePoint items as a source for the company's internal search engine based on Apache SOLR (PHP, Tika, C#/.NET)
- Exchange Web Service operation using C#/.NET and virtual Exchange's PowerShell
- Screenshots generator of Office documents and websites (C# /.NET + SSL)
- Windows browser-less applications in PHP
- Introducing good coding practices and quality assurance to the company. Responsibility for the coding standards (CodeSniffer) and tests (PHPUnit and Selenium)

01.12.2010 – 30.06.2012: KIT Digital Cologne (Germany)

SENIOR SOFTWARE DEVELOPER

- Backend development for internal communication system (data exchange between hardware video encoders and front-end web applications)
- Development of video processing control applications (web and shell based)
- Configuration and maintenance of continuous integration servers based on Hudson/Jenkins, SVN, Apache Ant and PHPUnit
- Architecture and implementation of MVC applications based on Zend Framework
- Architecture and development of (X)HTML form generators based on Doctrine ORM
- Providing internal trainings about application architecture, coding style, unit testing, security, design patterns and good coding practices
- Monitoring the work of development teams
- Creating documentation for developers and users.
- Creating PHP API for video processing content delivery networks (Kewego/KITCloud)
- Creating web interfaces and data processing based on XML, XPath and XSLT (SimpleXML, DOM, XMLReader/Writer)
- Creating web services based on WSO2 and Zend Framework
- Delivery of the completed product to the customers, installation, configuration and technical help

06.12.2006 – 30.06.2009: Ciao GmbH Sp. z o.o. Wroclaw (Poland)

01.07.2009 – 30.11.2010: Microsoft (Poland)

SOFTWARE DEVELOPMENT ENGINEER

- Work based on Scrum and Extreme Programming:
 - Integrated team development (Conversion Rate / Microsoft Integration),
 - Sprint Reviews, Planning, Targets, Scrum meetings, Planning Poker sessions
- Functionality changes, design and architecture of the one of the biggest European price comparison portals (e.g. <http://ciao.de>, <http://ciao.co.uk> , etc.)
- Integration of external Microsoft applications with the Ciao portal (e.g. the integration with Bing search engine and MSN Toolbar)
- Integration of Ciao applications with C#/ASP.NET/MVC - Phalanger + PHP
- Managing the portal advertisings (adding / changing the functionality, creating new possibilities for sales team to organize the various types of ads on the website)
- External vendor integration with SOAP, JSON , XML feeds. Preparing the documentation of the external sources, designing needed applications or code fragments and implementing them into the existing code
- Architecture and programming the new version of CMT (Customer Management Tool) – an internal application used for the B2B contacts
- Internal trainings for other developers about architecture and functionality of search and advertising systems
- Providing the documentation about new features and enhancing existing documentation

- Using the Atlassian JIRA as the issue tracker
- Writing unit tests, based on classes used in an internal framework and PHPUnit
- Cooperating with other Ciao developers based in Germany and Romania for a better applications scalability and more powerful programming solutions

*01.07.2006-30.09.2006: Inetdesign.pl Wroclaw (Poland) /
Westerburg (Germany)*

IT MANAGER

- Architecture and developing portals based on eZ publish CMS
- Programming with the Code Igniter framework (MVC, PHP4/5, MySQL, XHTML,CSS)
- Team work coordination (Scrum Master)
- Configuration and maintenance of LAMP environment for dedicated servers
Cooperation with the German department of the company



13.03.2006-30.04.2006: E.B. Partners in Wroclaw (Poland)

PHP DEVELOPER

- Development of PHP4/5, MySQL, XHTML,CSS applications
- Refactoring the existing code (make it more PHP5-compatible)
- Internal and external eZ publish CMS training

31.01.2005-28.02.2006: WebStyle Systems Sp. z o.o. in Wroclaw (Poland)

PHP- AND WEB DEVELOPER

- Development of PHP/ MySQL applications.
- Development of portals based on eZ publish CMS.
- Enhance the eZ publish template system and building software extensions.
- Configuration of Apache web servers for the eZ publish
- Internal and external (e.g. in Singen (Germany)) trainings about application development based on eZ publish

*05.2004-31.08.2004: VAD (Video-Audio-Design) GmbH in Dresden
(Germany):*

PHP/MYSQL/MSDE DEVELOPER

- Administration of internal company server. (SuSE 8.x/9.x, Apache, MySQL, MSDE).
- Refactoring an internal web solutions (PHP4, MySQL, DHTML)
- Extending an internal web shop (PHP / HTML / JS / MSDE / ODBC)

04.08.2003-31.03.2004: AMTC (Advanced Mask Technology Center) in Dresden (Germany):

WORK STUDENT (PHP/MySQL)

- Architecture, creation and design of the intranet in the company (PHP4,MySQL, HTML,JS)
- Development of the Online Library software (PHP4,MySQL,HTML,JS)
- Intranet Server administration (Win2000,Apache, MySQL)
- Leading a team of 2 other programmers (tasks disposal, architecture, support, deadline checks)

03.2003-08.2003: VAD (Video-Audio-Design) GmbH Dresden (Germany):

WORK STUDENT (PRACTICE SEMESTER)

- Creation of ODBC connection between Linux client and Microsoft SQL Server database (unixODBC, FreeTDS, MSSQL 7)
- Architecture, design and creation of an internal web shop (PHP4, ODBC, MSDE, MySQL, DHTML) Practice semester subject: Catalogue of elements for the developing of high frequencies devices

07.2001-07.2004: Webgestaltung Görlitz GmbH (Germany):

WWW TRANSLATOR

German-Polish-German translation of various Web sites

05.2000-08.2000: Poleninvest.de Markersdorf bei Görlitz (Germany):

WEBMASTER

Company homepage (HTML 4.0, JavaScript) Web design (Ulead PhotoImpact)

EDUCATION:

2002-2005 Hochschule Zittau/ Görlitz (FH) (Germany) Main studies: Information Technology

2000-2002 Hochschule Zittau/ Görlitz (FH) (Germany) Base studies: Electric Engineering

1998-2000 Hochschule Zittau/ Görlitz (FH) (Germany) College (language and technical aspects)

1994-1998 Liceum Ekonomiczne przy Zespole Szkół Energetycznych (High school) in Bogatynia (Poland) Profession: economics technician Profile: economics

HOBBIES:

Literature (especially fantasy), history, programming, Star Wars, solving of hardware/software computer problems, chinchillas

PROGRAMMING SOFTWARE AND APPLICATIONS:

- PHP 4.2 – 7.3 (OOP, OOD) - 16 years of professional experience
- C#/.NET 3.5-4.0
- Phalanger – introducing PHP to the .NET world
- PEAR, PHP-GTK, WinBinder
- Memcache, Memcached, SQLite based cache
- PHP Opcode, eAccelerator, ionCube, and other PHP accelerators
- Ajax – based on Xajax and jQuery
- SQL (based mainly on MySQL, but also on SQLite, Sybase, MSSQL or Oracle)
- eZ publish,
- Smarty,
- Code Igniter template engines
- XHTML 1.x Strict, Transitional, Frameset, HTML5
- CSS (W3C standards compliant) (and SASS)
- JavaScript / jQuery / JSON
- XML(SOAP, feeds), XPath, XSLT, XSD
- Base knowledge of C/C++, Java (especially Dalvik emulation –some Android apps for training purposes)

QUALITY ASSURANCE, VERSION CONTROL UND DEPLOYMENT SOFTWARE

- xUnit (PHP, C#)
- Codeception
- Hudson und Jenkins
- Composer
- CVS, SVN, GIT, Team Server

SOFTWARE:

Web-, DB and search engine servers:

- Apache 1.3.x und 2.0.x
- Nginx
- MySQL 3.x , 4.x, 5.x / MariaDB
- MSDE / MSSQL
- Sybase ASE 15
- Oracle 10, 11
- ElasticSearch
- SOLR

PHP Frameworks:

- Code Igniter / Kohana
- Zend Framework 1 and 2
- Laravel / Lumen

(X)HTML/CSS/PHP editing software:

- Visual Studio
- PHPStorm
- Zend Studio
- Eclipse
- Netbeans

Office:

- Microsoft Office 6 – 201x
- Open/Star/Libre Office

Operating systems:

- Linux – Debian/Ubuntu, PCLinuxOS, Mandrake/Mandriva, SuSE, Knoppix, Fedora
- Windows 3.11, 95,98,ME,NT,2000,XP,Vista, Windows 7, 8, 10
- MacOS (Classic and X)
- Amiga OS3.1-4.1 / AROS

LANGUAGES:

German:

- Knowledge of technical vocabulary (IT)
- Language certificate – UNiCert Stufe III, which meets the C1 level of unified European language standards

English:

- Communicative (used as common language between team members all around the World)

Polish:

- Mother language