

Curriculum Vitae

PERSONAL DATA

Name: Andrey Jordanov Hristov
Date of birth: February 19, 1980, Sofia, Bulgaria
Nationality: Bulgarian
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PROFESSIONAL EXPERIENCE

06.2010 – present	Oracle Deutschland B.V. & Co. KG, Senior Software Engineer Client Connectivity (Oracle acquired SUN Microsystems) Responsibilities: see the responsibilities at SUN Microsystems
05.2008 – 05.2010	SUN Microsystems GmbH, Senior Software Engineer Client Connectivity, Database Group (SUN Micro. acquired MySQL AB) <ul style="list-style-type: none">• MySQL Connector/C++ development and bug fixing• MySQL Server enhancements and bug fixing• mysqlnd client library development and bug fixing• Development and fixing of bugs in the MySQL extensions for PHP
04.2005 – 04.2008	MySQL GmbH Position: Software Engineer Client and Server Technologies. Responsibilities: <ul style="list-style-type: none">• Client side applications in C/C++• MySQL Server enhancements and bug fixing• MySQL Event Scheduler module development and bug fixing• Design and implementation of a client library for the MySQL Server to supersede libmysql as underlying library for PHP extensions (ext/mysql and ext/mysqli)
10.2003 – 02.2005	Dorten GmbH/100 Days GmbH, Stuttgart, Germany (now Zend Technologies) Professional status: Senior Software Developer Responsibilities: <ul style="list-style-type: none">• Development of customized solutions for CMS systems.• Working on the core of the CMS system used as basis.
07.2002 – 09.2003	WebGate PLC, Sofia, Bulgaria Professional status: Senior Software Developer Responsibilities: <ul style="list-style-type: none">• Developing of server side software for e-Business solutions for global market research• Developing of generic code to be used in various of server side products based on PHP. Implemented both in PHP and PHP extensions in C.

08.2000 – 07.2002 ICYGEN LLC, Sofia, Bulgaria
Professional status: Software Developer
Responsibilities: Development of web-based software applications.

EDUCATION

Higher Education:

2003 - 2005	Fachhochschule (University of Applied Sciences) Stuttgart, Germany Thesis : “Design and Implementation of Temporal Triggers For MySQL RBDMS” (crontab like functionality) Degree: MSc in Software Technologies (GPA 1.3)
2005 – 2007 2002 – 2003	Technical University Sofia, Bulgaria Thesis : Low-level library for accessing RBDMS MySQL from PHP. Degree: MSc in Computer Engineering (GPA 1.5)
1998 - 2002	Technical University - Sofia, Bulgaria. Degree: BSc in Computer Engineering (GPA 1.75)

Secondary Education:

1993 - 1998	National High School of Mathematics and Natural Sciences – Sofia, Bulgaria (GPA 1.2)
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SKILLS

Languages:

- English : Fluent, both spoken and written. CB TOEFL - 270 points (06/2002)
- German : Fluent, both spoken and written. TestDaF 5/5/4/4 (10/2010)

Computer skills:

Programming languages:

- C/C++ (Brainbench Certified) (6 years), Boost
- PHP (Master Cert. From Brainbench and SkillDrill) (5 years experience)
- Pascal (7 years). Last used in 2001.

Database systems: MySQL

Operating systems :

- MS Windows (3.x, 9x, 2000) 12 years
- Linux (Ubuntu, SuSE, Slackware) 10 years, last 7 as primary OS.
- MacOS X 10.[5-6] 3 years.

Other technologies : XML, SOAP, TCP/IP, HTTP, SAP R/3 Basis (1 year), RDBMS

PROJECTS

- mysqlnd_qc – mysqlnd Query Cache plugin based on TTL technology. Speeds up certain applications with several hundreds of percents, while substantially decreasing the server load. Enables horizontal scaling. <http://www.slideshare.net/nixnutz/buildin-query-caching-for-all-php-mysql-extensionsapis>

- mysqlnd_mc – mysqlnd plugin for query rewrite, that spreads queries across multiple MySQL servers.
- mysqlnd_ms – mysqlnd load balancing plugin. Available at PECL.
- mysqlnd plugin API development – Plugin API for the mysqlnd client library. The plugins can override certain aspects of mysqlnd default implementation, hence making possible overloading of certain capabilities without destabilizing the core of the library. <http://www.slideshare.net/nixnutz/the-power-of-mysqlnd-plugins>
- MySQL Connector/C++ - Client library which follows the JDBC standard for connecting to MySQL from C++.
- Taught MySQL DBA course at the University of Applied Sciences Stuttgart.
- MySQLnd – a library which supersedes libmysql as underlying library for PHP.
- Core PHP developer with commit rights all over the code repository at svn.php.net .
- PHPIntra – worktime and timesheet system for small companies. Based on PHP/MySQL and SOAP (Web Services). Due to use of SOAP it is highly interoperable. Test driven in IDG's branch in The Netherlands.

PUBLICATIONS AND PRESENTATIONS

- “The Eight Arms of Shiva” - Intl. PHP Magazine, Nov. 2003 - Interprocess communication with PHP
- “PHP 5 and Design Patterns”: Presentation at the Bulgarian Web Technologies Conference, Sofia, March 2004
- “Interprocess Communication with PHP”: Presentation at the International PHP Conf. Amsterdam 2004
- “Parallel Programming with PHP”: Presentation at the International PHP Conf. Frankfurt/Main 2004
- “Distributed Programming with PHP“: Presentation at the International PHP Conf. Frankfurt/Main 2004
- “Using the Event Scheduler: The Friendly Behind-the-Scenes Helper”: Presentation about MySQL Event Scheduler at MySQL Conference & Expo 2007 by O'Reilly
- “Not so Quiet on the C++ Front” : Presentation about MySQL Connector/C++ at MySQL Conference & Expo 2007 by O'Reilly

HOBBIES

- Technical analysis of equities
- Macroeconomics
- Hiking, biking, swimming, snowboarding, psychology
- Do-It-Yourself
- Interests in the area of software engineering, including agile methodologies for software development, database systems and their implementation, parallel programming, distributed and cloud computing.