

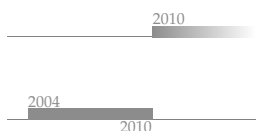
Philipp Krenn

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Education



Software Engineering & Internet Computing and Information & Knowledge Management, *master studies*, Vienna UT, anticipated graduation in Q2/2015.

Software & Information Engineering, *bachelor studies*, Vienna UT.

Employment



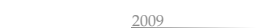
Operations and backend development, *ecosio GmbH*.

Stable operation, repeatable builds, and reliable deployments of the whole B2B infrastructure on AWS as well as the supervision of the MongoDB, MySQL, and Hazelcast databases.



Trainer, *tutego*, Germany and Switzerland.

Courses for NoSQL (MongoDB, ElasticSearch, Redis, Hazelcast, CouchDB, Neo4j, Cassandra, HBase) and Cloud Computing (AWS).



Trainer, *SPC GmbH*.

Realization of Java development and architecture as well as project management courses.



Web developer, *Men on the Moon GmbH*.

Development of <http://www.contentaward.at> and <http://www.mediaquarter.at> with SilverStripe, MySQL, and jQuery.



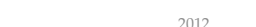
Research assistant, *Ecommerce group*, Vienna UT.

Evaluation and implementation of current database developments (RDBMS vs. NoSQL) and cloud infrastructures for an industrial Java project.



Consultant, *Splendit IT-Consulting GmbH*.

Consultant for software quality assurance, analysis, and training courses.



Mentor SilverStripe Ltd., Google Summer of Code 2012.

Supervised "Content Personalization", mentor summit participant in Mountain View.



Trainer, *Splendit IT-Consulting GmbH*.

Realization of various Java, JEE, JavaScript, and database courses.



System administrator, *LMC Town to Town Ltd.*

Kept a small office up and running on Windows servers and clients.



Tutor, *Distributed Systems Group*, Vienna UT.

Master courses *Software Architectures* and *Design Patterns for Distributed Systems* overseen.



Student Developer SilverStripe Ltd., Google Summer of Code 2007.

Started the support of PostgreSQL and MS SQL Server with PDO besides MySQL.



Web developer, *Splendit IT-Consulting GmbH*, University project.

Frontend development and documentation of a JEE application in a team of students.



Summer internship, *Frequentis AG*, IT Second Level Support.

Moved an office of 600 people, lots of network cabling and hardware setups.

Languages

German Native language
English Business fluent
French Good

Publications

2011 **Book**, *SilverStripe 2.4 Module Extension, Themes and Widgets: Beginner's Guide*, Packt Publishing Limited, ISBN 978-1849515009.
Modern web development with SilverStripe, a PHP5 CMS and framework.

2003 **Research paper**, *Strategic Information Warfare in Cyberspace*.

Talks and Presentations

2014 **MongoDB Replication — What Could Go Wrong** and **Morphia: Painfree JPA for MongoDB**, Javantura, Zagreb.

2014 **nginx for SilverStripe**, SilverStripe Europe Conference, Linz.

2013 **Meetups**, organizer of ViennaDB, Papers We Love Vienna, and SilverStripe Austria, frequent speaker at other meetups.

2011 **Open Source Development Platforms**, presentation at Genticis, Vienna.

2011 **Morphia**, presentation at the MongoUK2011, London.

2010 **Quality of Open Source Software**, presentation at Microsoft Austria, Vienna.

2010 **IBM Smart Talk**, panel discussion on Cloud Computing at the Vienna UT.

IT Knowledge

Software Development

Java Java, JEE, Spring, Maven and Gradle, JUnit, Jenkins

Web technologies PHP, SilverStripe, HTML, CSS, JavaScript, jQuery

Server Ubuntu, nginx, Apache Tomcat, Jetty, ActiveMQ

Databases MongoDB, MySQL, Elasticsearch, Redis, Hazelcast, PostgreSQL, Neo4j

Data exchange WebServices (SOAP, REST), JSON, XML (DTD, Schema, XPath, XSLT)

Tools Ansible, Amazon Web Services (EC2, RDS, S3, VPC), Shell Scripts

Desktop Mac OS X, Git, IntelliJ, Vagrant, VirtualBox, Vim, L^AT_EX

Certificates

2015 **M202: MongoDB Advanced Deployment and Operations**, *MongoDB Inc.*

2013 **M101J: MongoDB for Java Developers**, *10gen Inc.*

2012 **M102: MongoDB for DBAs**, *10gen Inc.*