Philipp Krenn

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Education

2010
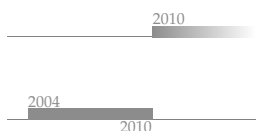
Software Engineering & Internet Computing and **Information & Knowledge Management**, *master studies*, Vienna UT, anticipated graduation in Q2/2015.

2004
2010

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

Employment

2013

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.

2012

Trainer, *tutego*, Germany and Switzerland.
Courses for NoSQL (MongoDB, ElasticSearch, Redis, Hazelcast, CouchDB, Neo4j, Cassandra, HBase) and Cloud Computing (AWS).

2009
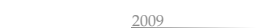
Trainer, *SPC GmbH.*
Realization of Java development and architecture as well as project management courses.

2009
2014

Web developer, *Men on the Moon GmbH.*
Development of http://www.contentaward.at and http://www.mediaquarter.at with SilverStripe, MySQL, and jQuery.
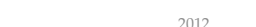
2010
2013

Research assistant, *Ecommerce group*, Vienna UT.
Evaluation and implementation of current database developments (RDBMS vs. NoSQL) and cloud infrastructures for an industrial Java project.

2010
2012

Consultant, *Splendit IT-Consulting GmbH.*
Consultant for software quality assurance, analysis, and training courses.

2012

Mentor SilverStripe Ltd., Google Summer of Code 2012.
Supervised "Content Personalization", mentor summit participant in Mountain View.

2007
2010

Trainer, *Splendit IT-Consulting GmbH.*
Realization of various Java, JEE, JavaScript, and database courses.

2004
2010

System administrator, *LMC Town to Town Ltd.*
Kept a small office up and running on Windows servers and clients.

2009
2010

Tutor, *Distributed Systems Group*, Vienna UT.
Master courses *Software Architectures* and *Design Patterns for Distributed Systems* overseen.

2007

Student Developer SilverStripe Ltd., Google Summer of Code 2007.
Started the support of PostgreSQL and MS SQL Server with PDO besides MySQL.

2006
2007

Web developer, *Splendit IT-Consulting GmbH*, University project.
Frontend development and documentation of a JEE application in a team of students.

2006

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 Gentics, 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, LaTeX

Certificates

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

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