

# Philipp Krenn

<https://xeraa.net>

## Education

2010

**Software Engineering & Internet Computing and Information & Knowledge Management, master studies**, Vienna UT, anticipated graduation in Q1/2016.

2004

2010

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

## Employment

2013

**Operations and backend development**, *ecosio GmbH*.

Stable operation, repeatable builds, and reliable deployments with Java on AWS as well as the supervision of Jenkins, MongoDB, MySQL, Redis, Disque, Elasticsearch, and Tomcat.

2012

**Trainer**, *tutego*, Germany and Switzerland.

Courses for MongoDB, NoSQL in general and Cloud Computing (AWS).

2009

**Trainer**, *SPC GmbH*.

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

2009

2015

**Web developer**, *Men on the Moon GmbH*.

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

2010

2013

**Research assistant**, *Ecommerce group*, Vienna UT.

Evaluation and implementation of database (RDBMS vs. NoSQL) and cloud trends.

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*.

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

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## 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*.

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## Conferences & Meetups

- Meetups Organizer of **ViennaDB**, **Papers We Love Vienna**, and **SilverStripe Austria**
- AWS How (Not) to Deploy  
**AWS Meetup** Vienna (2015), **GeeCON** Krakow (2015), **ConFESS** Vienna (2015), **Booster** Bergen (2015)
- AWS Deployment Mechanics  
**JSUG Meetup** Vienna (2015), **ConFESS** Vienna (2015)
- Cloud Databases Host Your Database in the Cloud, They Said...  
**NoSQL Matters** Dublin (2015)
- Datenbanken Die Qual der Wahl  
**code.talks** Hamburg (2015), **Linuxwochen** Vienna (2015)
- MongoDB Replication — What Could Go Wrong?  
**Javantura** Zagreb (2014), **ViennaDB Meetup** Vienna (2014)
- Morphia Painfree Object-Document Mapping for MongoDB  
**JavaDay** Charkiv (2015), **Devovx Poland** Krakow (2015), **JEEConf** Kiev (2015), **JavaDay** Minsk (2015), **GeeCON** Krakow (2015), **JSUG Meetup** Vienna (2015), **Javantura** Zagreb (2014), **MongoUK** London (2011)
- nginx For Fun and Performance  
**CodeMotion** Rome (2015), **Web Performance Meetup** Vienna (2015), **SilverStripe Europe** Linz (2014)
- Perils of the Cloud **WebCamp** Zagreb (2015), **Dev Talks** Bucharest (2015), **PHP Tour** Luxembourg (2015)
- Queues from ActiveMQ over Hazelcast to Disque  
**Distributed Matters** Berlin (2015)
- Testing Showdown of the Asserts  
**JavaDay** Charkiv (2015)

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## IT Knowledge

### Software Development

- Java Java, 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
- Data exchange WebServices, JSON, XML (DTD, Schema, XPath, XSLT)
- Tools Ansible, Amazon Web Services, Shell Scripts
- Desktop Mac OS X, Git, IntelliJ, Vagrant, VirtualBox, Vim, L<sup>A</sup>T<sub>E</sub>X

### 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.*