



# Heiko Mattern

## Full Stack Web Developer

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### TECHNICAL KNOW-HOW

My main focus at the moment is on Backend Web Development with the LEMP-Stack (Linux, nginx, MySQL, PHP), though I am also versed in HTML, CSS, JavaScript and Java.

- I plan with: Scrum, Jira
- I operate on: Linux (Ubuntu)
- I code with: phpStorm, Eclipse
- I stick to: Design Patterns, OOP, KISS, DRY
- I test with: PHPUnit, JUnit
- I care about: Performance, Code Quality, UX
- I version with: git
- I deploy with: Bash, Jenkins

Here is a small impression in numbers (l.o.c. = lines of code):

>= 10.000 l.o.c.	PHP, HTML, Java, Javascript
>= 1.000 l.o.c.	CSS, Python
< 1.000 l.o.c.	Bash, Ruby, C++

I am also interested in the current js-boom and the MEAN-stack and have dabbled in node.js and MONGO-DB.

### WEB

in [Profile \(LinkedIn\)](#)  
📄 [Profile \(StackOverflow\)](#)

### LANGUAGES

German	native
English	fluent
Spanish, French	advanced

### WORK HISTORY

#### 06/2014-12/2016 Web-Developer (Senior)

miamed, Cologne DE [📍](#)

miamed produces learning apps for medical students and doctors, the most important one (AMBOSS) preparing senior students for their intermediate and final exams. I implemented parts of the backend for the clinic data base STEIGBUEGEL, an Import-API for clinics and advertisements for job offers and extended the backend for editors. I was part of the Internationalisation-team for AMBOSS, which refactored most of the application to enable a multi-lingual app.

Technologies: Linux, nginx, PHP, HTML, CSS, JavaScript, Symfony(1-3), Doctrine, jQuery (and marginal amounts of Angular)

#### 03/2012-12/2013 Java-Developer (Junior)

parcIT, Cologne DE [📍](#)

parcIT produces Software for Risk Management and Controlling. While there I worked on a market data framework (data like exchange rates, volatilities, cross rates, ...), which imported great amounts of data and provided a query mask to customize filtering and presentation.

Technologies: Java, AWT, Swing, Hibernate

#### 06/2011-02/2012 Web-Developer (Junior)

wergehthin, Cologne DE

wergehthin was an Event website for Cologne and Berlin. While there I migrated a custom PHP-site to the CMS Drupal and implemented custom features like a geographical search and an improved rating algorithm.

Technologies: PHP, HTML, CSS, Javascript, jQuery, Drupal

### EDUCATION

#### 09/2007-05/2011 Bachelor of Science, Mathematics with Minor in Computer Science

Ruhr Universität Bochum, Bochum DE

Final Grade: 2,2 - Thesis: "The probabilistic method with applications in additive combinatorics"

#### 09/2006-06/2007 Leaving Certificate

Colaiste Stiofain Naofa, Cork IRE

Irish Leaving Certificate (equivalent to german "Abitur")

### FURTHER ACTIVITIES

#### 01/2014-05/2014 Educational Trip in South America

Amongst other things I polished up on my Spanish in Cuzco and volunteered for 2 months in a conservational project in the National Park Manu ([Reserva Tierra Linda](#))

#### 06/2004-05/2005 Voluntary social year

Individualhilfe, Heidelberg DE [📍](#)

During this time I helped physically impaired people in their everyday life.

### ABOUT/PHILOSOPHY

After working in IT for more than 10 years I have encountered many different programming languages, frameworks and methodologies. What still fascinates to this day is that there is always more to learn and you can improve continuously in this field - and the best solution to a problem is in most cases short and elegant. When working on a project I like planning in small succinct steps, that enable a continuous delivery that can be improved upon after each iteration. I enjoy working in a team and place great value on a collaborative environment.