



## contact

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## overview

♥ agile web development  
senior java developer  
build management  
agile coaching  
pilot

## </> focus

Java  
♥ Spring Framework  
Administration  
Web, Backend  
WebServices  
DevOps  
🐧 Linux

## general

version **2019-03** (11. Oktober 2019)

location **Germany** zip code area 40000 to 47000 (Niederrhein, Ruhr district)  
**Netherland** Nijmegen, Arnhem, Venlo, Eindhoven

Working since 2008 as **agile Software Developer** in the field of **web applications, configuration management, system administration** and coach for agile methodologies.

I love coding and therefore develop consequently **test-driven**. I follow the principles of **Clean Code**, because I always strive to produce high quality software. Combined with **agile development methodologies** and practices like **Continuous Integration**, these are for me the key aspects of successful projects as well as good and extensible software.

**Configuration management, build automation and system administration** are other core areas of my experience. As **DevOps** I like to be the interface between development and system operations and encourage my customers by introducing **Continuous Integration** or even pushing existing processes towards a **Continuous Deployment**.

Colleagues appreciate my 'hands-on' attitude, for which reason I get contracted as trainer for agile methodologies like **Scrum, Kanban** and **retrospectives** or for coding techniques like **TDD, Pair Programming, Clean Code and Extreme Programming**.

My second passion is **aviation**. I work part-time as an **airline pilot** and fly a Boeing 737 as a First Officer for a German holiday carrier.

## studies

- |           |   |  |
|-----------|---|--|
| 2011–2013 | <b>Airline Pilot</b>  | Flight school Hamburg, RWL Mönchengladbach   |
|           | Training as airline pilot<br>SEP (land), MEP (land), IR, TMG, Aerobatic, MCC, ATPL Theory Credit  |  |
| 2006–2008 | <b>Master of Science</b>  | University of Applied Sciences Gelsenkirchen |
|           | <i>Enhancing Java with a fine grained access control</i><br>Study: Applied computer science<br>Master thesis: 1,0; Colloquium: 1,0; Total note: 1,7 |  |
| 2001–2006 | <b>Diplom-Informatiker (FH)</b>   | University of Applied Sciences Gelsenkirchen |
|           | <i>Analysis of Model-Driven-Architecture (MDA)</i><br>Study: Applied computer science<br>Thesis: 1,0; Colloquium: 1,0; Total note: 2                |  |

# skills

## programming languages

★★★★★ Java SE/EE  
★★★★☆ Kotlin  
★★★☆☆ Scala  
★★★★☆ AspectJ

★★★☆☆ JavaScript  
★★★★☆ Shell

## java technologies

★★★★★ Spring Framework  
★★★★★ Spring Boot  
★★★★★ Spring MVC  
★★★★★ Spring Data  
★★★★★ Spring Security  
★★★★☆ Spring Batch

★★★★☆ Enterprise JavaBeans (EJB)  
★★★★★ Java Persistence API (JPA)  
★★★★★ Hibernate (+Search)  
★★★★★ EclipseLink  
★★★★☆ Lucene / Solr

## web technologies

★★★★★ Servlet  
★★★★★ HTML, HTML5, XHTML  
★★★★☆ CSS, CSS3  
★★★★☆ Thymeleaf  
★★★★☆ JavaServer Faces (JSF)  
★★★★★ Sass/Less

★★★★★ Compass  
★★★★☆ jQuery  
★★★★★ XML  
★★★★☆ XSLT

## web services

★★★★★ WebServices  
★★★★★ HTTP  
★★★★★ SOAP  
★★★★★ JAX-WS  
★★★★★ JAX-RS

★★★★☆ Jersey  
★★★★★ RESTful Services  
★★★★★ JSON

## tools

★★★★★ ♥ Maven  
★★★★★ Maven Plugin Development  
★★★★★ Ant  
★★★★☆ Gradle  
★★★★★ Ansible

★★★★☆ Puppet  
★★★★☆ Chef  
★★★★★ Sonar, SonarQube

## logging

★★★★★ Log4j  
★★★★★ SLF4j  
★★★★★ Logback

★★★★★ Java Util Logging  
★★★★☆ Elasticsearch / Logstash ELK

## test and continuous integration

★★★★★ JUnit  
★★★★☆ TestNG  
★★★★★ Selenium

★★★★★ Mockito/EasyMock  
★★★★☆ SoapUI  
★★★★★ Spring TestContext

★★★★★ JetBrains Teamcity  
★★★★★ Atlassian Bamboo

★★★★★ Hudson, Jenkins

### version control

★★★★★ Git  
★★★★★ Git Hosting  
★★★★★ Mercurial

★★★★★ Subversion  
★★★★☆☆ Perforce

### ide

★★★★★ IntelliJ IDEA  
★★★★★ Eclipse  
★★★★☆ NetBeans  
★★★★★ Enterprise Architect

★★★★★ Jude UML  
★★★★★ AndroMDA  
★★★★★ Poseidon UML

### server administration

★★★★★ Linux (Ubuntu, Debian)  
★★★★★ Mac OS X Server  
★★★★☆ Microsoft Windows  
★★★★★ Apache Tomcat + TomEE  
★★★★★ Apache HTTP Webserver  
★★★★☆ NGINX  
★★★★★ JBoss AS + EAP / Wildfly

★★★★☆ Jetty  
★★★★☆ JBoss/HornetQ JMS  
★★★★★ Nexus (Maven Repository)  
★★★★★ JFrog Artifactory  
★★★★★ VCS Administration  
★★★★☆ VMware vSphere

### cloud computing

★★★★★ Docker  
★★★★☆☆ Kubernetes  
★★★★★ Amazon Web Services (AWS)  
★★★★☆ Amazon EC2 / Elastic Beanstalk

★★★★★ Amazon S3  
★★★★★ Amazon Database (RDS)

### methodology

★★★★★ ♥ Agile Softwareentwicklung  
★★★★★ ♥ Clean Code  
★★★★★ Test Driven Development (TDD)  
★★★★★ OOA/OOD/OOP  
★★★★★ MDA  
★★★★★ UML  
★★★★☆ SOA  
★★★★☆ OO Design Patterns  
★★★★★ Scrum

★★★★★ Kanban  
★★★★★ Refactorings  
★★★★★ Extreme Programming  
★★★★★ Continuous Integration  
★★★★★ Continuous Deployment  
★★★★★ Continuous Delivery  
★★★★★ DevOps

### development tools

★★★★★ Atlassian Jira  
★★★★★ Atlassian Bitbucket/Stash  
★★★★★ Atlassian Confluence  
★★★★☆ Atlassian Administration

★★★★★ Atlassian HipChat  
★★★★★ Slack

## performance and monitoring

- ★★★★★ Last- und Performance-Tests
- ★★★★★ Apache JMeter
- ★★★★★ PostgreSQL Performance
- ★★★★★ Proxy Konfiguration
- ★★★★☆ Load Balancing

## database

- ★★★★☆ SQL
- ★★★★★ PostgreSQL
- ★★★★★ MySQL
- ★★★★★ HSQLDB
- ★★★★★ H2
- ★★★★☆ Oracle

## office

- ★★★★★ Google G Suite
- ★★★★☆ Microsoft Office
- ★★★★☆ OpenOffice, LibreOffice
- ★★★★★ L<sup>A</sup>T<sub>E</sub>X

## training and workshops

- ★★★★★ Test-Driven-Development (TDD)
- ★★★★★ Coding Dojo / Kata
- ★★★★★ Configuration Management
- ★★★★★ Maven und Gradle
- ★★★★★ Java Persistence API (JPA)
- ★★★★★ Hibernate und EclipseLink
- ★★★★★ Version control with Git
- ★★★★★ Continuous Integration
- ★★★★★ TeamCity, Jenkins und Bamboo

## training

### Workshops

### Test-driven development

Beginner	Fundamentals of Test Driven Development (TDD) are taught using practical examples. First, the theoretical foundations and concepts of this practice are developed. Afterwards the participants develop their first applications according to the TDD principle in the practical part. This is the classical Detroit style TDD (Bottom-Up). The course lasts two days.
Advanced	In the second part of the workshop the participants will get to know advanced practices. This includes the use of mocking frameworks. In particular, the handling of existing, untested software is shown and how to make this legacy software testable. This is the London style TDD (Top-Down). The course lasts three days.
Spring	This workshop uses the Spring TestContext framework for integration testing of Spring applications. Participants learn how to develop Spring integration tests. Which parts of the Spring Framework are to be tested can be freely selected before the course. The course lasts two days.
Continuous Integration	In this training developer tools are presented, with which a continuous integration process can be implemented. Tools for the daily work of a software developer are presented and the participants learn to use and administer these tools. JetBrains TeamCity, Atlassian Bamboo or Jenkins are used as desired. In addition, this training can be extended to include the use of Git.

## referees

EliteMedianet GmbH **Kjeld Peters, Technical Director**

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*„Timo is a thoroughly agile software developer who deliberately deals with his profession. In addition, he has very high communication and social skills, which he was able to profitably use in our project. I like to look back on the common project time and can recommend it almost without hesitation.*

EliteMedianet GmbH **Folker Bernitt, Head of Architecture**

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*„In 2012, Timo Meinen reinforced our team as an external developer and worked on the deployment automation and SOA refactoring projects.*

*I experienced Mr. Meinen as a very dedicated developer with a strong Java expertise, which greatly enriched our team through his work and experience.*

*In addition to his in-depth knowledge of software development and architecture, he has also proposed and introduced new tools to improve our development process that we still use with enthusiasm (IntelliJ, TeamCity).*

*Mr. Meinen has always done his job to our fullest satisfaction and is still highly valued by his superiors and colleagues. Our team and I very much enjoyed working with Mr. Meinen and wish him every success for the future!”*

mindmatters GmbH **Frank Schmitz, geschäftsführender Gesellschafter**

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*„Mr. Meinen has extensive and detailed expertise that he has used with confidence when new questions and developments arise. He constantly updated his knowledge and always put the acquired knowledge to good use. In addition, he has an extraordinarily high degree of initiative, independence and dedication and was always ready to take on responsibility. Mr. Mine was always extremely conscientious and independent. He worked and completed his tasks always planned and systematic. Also increased workload and deadline pressure he was well grown. Mr Meinen has always delivered excellent results both qualitatively and quantitatively.*

*Mr. Meinen understood it very well to lead employees to high performance and to promote cooperation. With his outstanding achievements, he has exceeded our expectations in every respect. Mr. Meinen was an excellent employee. Because of his helpful and friendly nature, Mr. Meinen enjoyed high esteem among his customers, superiors and colleagues.”*

## projects

01/2019 – Today	<b>Continuous Integration, Docker (Containervirtualisierung)</b>
Client	Online E-Learning, Düsseldorf
Area of responsibility	Consultation, Development
Technologies	Git, Atlassian Bitbucket, Atlassian Bamboo, JFrog Artifactory, Docker, PostgreSQL, Selenium, Ansible
Description	Further development of the CI infrastructure: storage of build artifacts in Artifactory and automatic deployment with Ansible. Development of automated end-to-end tests with Selenium. Docker introduces container virtualization.
07/2018 – 12/2018	<b>Web Security</b>
Client	Online E-Learning, Düsseldorf
Area of responsibility	Consultation, Development
Technologies	Spring Framework 5, Spring Security 5, Spring Boot 2, NGINX
Description	Update the application to the latest Spring Framework versions. In the process, conversion to Spring Security and introduction of current security standards such as CORS, CSRF.
01/2018 – 06/2018	<b>Cloud Deployment: Amazon WebServices AWS</b>
Client	Online E-Learning, Düsseldorf
Area of responsibility	Consultation, Development
Technologies	Amazon AWS, Amazon Elastic Beanstalk, Amazon S3, Amazon Relational Database Service (RDS), Docker, Apache JMeter, Kubernetes, Spring Boot, Apache Tomcat
Description	In order to be more flexible in hosting selection in the future, the application is being prepared for deployment on Amazon WebServices. In addition to Elastic Beanstalk, it is also possible to deploy it using Docker and Book-sernet.
04/2017 – 12/2017	<b>Migration of Wildfly to Tomcat with Spring Boot</b>
Client	Online E-Learning, Düsseldorf
Area of responsibility	Consultation, Development
Methodologies	Agile Softwareentwicklung, TDD, Clean Code
Technologies	JBoss AS / Wildfly 9, Spring Boot 1.5, PostgreSQL 9.6, Tomcat 8
Description	To simplify the administration of the application servers and gain benefits from standard technologies, I migrated the existing application to Spring Boot. Previously, JBoss or Wildfly was in use. The migration took place parallel to the existing Wildfly solution, so that the ongoing operation was not hindered. Meanwhile, the conversion is complete and the application runs as a Spring Boot application on an embedded Tomcat 8. In addition, the entire Maven configuration has been rebuilt to Spring Boot.

03/2017	<b>Introduction Ansible</b>
Client	Online E-Learning, Düsseldorf
Area of responsibility	Consultation, Development, Training
Technologies	Ansible, JFrog Artifactory , Maven 3.5, Atlassian Bamboo 6
Description	Training employees to orchestrate the server infrastructure. Introduction to the automation tool Ansible. Furthermore, I have expanded the configuration management with Maven to get to a continuous deployment process. Meanwhile, all servers are automatically managed with Ansible.
01/2017 + 02/2017	<b>Developer training Test-Driven Development</b>
Client	Online E-Learning, Düsseldorf
Area of responsibility	Training
Description	Various training courses in TDD. First, I did basic training with all developers. Some of the developers were so excited about the new approach that they also completed the advanced training. In the process, concepts from the clean code were also trained. Today, the entire company develops only test-driven and it has become one of the core competencies of the team.
10/2016 – 12/2016	<b>Developer training in Java Persistence API (JPA)</b>
Client	Online E-Learning, Düsseldorf
Area of responsibility	Training
Description	The Java development team used the JPA as an object-relational mapping tool in their application. In use was EclipseLink. During the training, I explained the basics of the JPA and together we analyzed and solved the existing performance problems.
10/2016 – 11/2016	<b>Automatic JBoss server orchestration with Ansible</b>
Client	Cologne Intelligence, Cologne
Branche	Finance, Banking
Area of responsibility	Consultation, Development
Technologien Backend	Ansible, Debian Linux, Bash Shell, JBoss AS 5, Maven, Subversion
Description	Task was the automated orchestration of the application server with the help of Ansible. The JBoss AS 5 application server is in use on Debian Linux. The result was the fully automated setup of new servers and deployment of Java web applications in a continuous deployment process.
06/2014 – 09/2014	<b>Optimization of a web application for tablets (Reactive)</b>
Client	Cologne Intelligence, Cologne
Branche	Finance, Banking
Area of responsibility	Development
Technologien Frontend	JavaScript, HTML, CSS, SASS, Compass, Singularity GS
Technologien Backend	Apache Wicket 1.4, Spring Framework 4.1, Velocity, Apache Axis 2,
Description	Customization and extension of an existing web application for presentation on tablets. For this I migrated the previous CSS to SASS as well as introduced Compass and the Grid-Framework Singularity GS. All new features are automated with Selenium tested.

02/2014 – 05/2014	<b>Training of an international development team in test-driven development</b>
Client	Scheidt & Bachmann GmbH, Mönchengladbach, Zilina (Slowakei)
Area of responsibility	Training
Methodologies	Test-Driven Development (TDD), Clean Code, Maven, Agile Retrospektiven, Pair Programming, Coding Dojo
Description	For three days I gave an international development group from Germany and Slovakia a training in test-driven development and clean code. I conducted the training in English. In addition to a basic introduction to TDD, we also discussed more complex topics, such as testing legacy applications. With the help of Coding Dojos and Katas (programming exercises), all participants gained their own experience with this methodology. Consistently, the exercises were carried out according to the principles of the Clean Code, so that a lasting improvement of the software quality is achieved. The training was rated extremely positive by the participants.
01/2014 – 05/2014	<b>Migration of a Jenkins (Hudson) configuration integration setup to Jetbrains TeamCity</b>
Client	Scheidt & Bachmann GmbH, Mönchengladbach, Zilina (Slowakei)
Area of responsibility	DevOps, System Administration
Methodologies	Test-Driven Development (TDD), Continuous Integration
Technologies	Jenkins, Jetbrains TeamCity, MSBuild, QF-Test, Microsoft Windows Server, VSphere
Description	Reconstruction of the Jenkins CI infrastructure on TeamCity. I migrated both Windows projects and Java projects. Various build pipelines were created for various projects within the company.
02/2014	<b>Migration of a company-wide version control system from Subversion to Mercurial</b>
Client	projektwerk Unternehmensberatung GmbH, Hamburg
Area of responsibility	Conception, Administration
Technologies	Apache HTTPd Webserver, Subversion, Mercurial, TeamCity
Description	Projektwerk develops numerous applications which are developed in a modern continuous deployment process. To further enhance development, versioning should be migrated from Subversion to Mercurial. I successfully migrated the repositories and Continuous Integration Server TeamCity to the new, distributed Mercurial VCS.



10/2013 – 06/2014 **REST Webservices API**

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Client	Scheidt & Bachmann GmbH, Mönchengladbach
Area of responsibility	Development, DevOps
Technologies	Java, JAX-RS, Jersey, JAXB
Technologien Test	JUnit, Mockito
Methodologies	Kanban, TDD, Continuous Integration
Description	For an existing fare management, a REST interface was built to integrate Germany-wide electronic ticketing for German public transport. I supported the architects and developers in designing the interface and set up the technical infrastructure with Jersey, JAXB, JSON. Furthermore, I created an automated documentation with Enunciate and created mocks for the opposite side of the interface. As a result, the development could take place in parallel for all participating developer groups.

09/2013–10/2013 **Build-System migration from Ant to Maven 3 and training**

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Client	Scheidt & Bachmann GmbH, Mönchengladbach
Area of responsibility	Development, Conception, Training
Technologies	Apache Ant, Maven 3
Methodologies	Continuous Integration
Werkzeuge	Intellij IDEA, Maven 3, TeamCity, QF-Test, Nexus, VMWare VSphere
Description	The task is to migrate the build system from Ant to Maven 3. The project consists of over 100 modules built with a self-written build system using Ant. The previous solution will be replaced by a standardized and modern build system. Additional task is the creation of Maven plugins, which allows easy control of the VMWare infrastructure for the test automation.

05/2013–09/2013 **Rebuild of a Ticketing-System as web application**

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Client	Scheidt & Bachmann GmbH, Mönchengladbach
Area of responsibility	Development, Agiles Coaching
Technologien Backend	Java SE, Spring Framework, Hibernate, JPA, Oracle Database
Technologien Frontend	JSF 2, Facelets, PrimeFaces
Technologien Test	JUnit, Mockito, Spring TestContext Framework, Selenium
Methodologies	Kanban, agile Retrospektiven, TDD, Continuous Integration
Werkzeuge	Eclipse, Intellij IDEA, Apache Tomcat, Maven 3, TeamCity
Description	Creation of a ticketing system as a modern web application. In the development value was placed on the multi-client capability. Modern web technologies (Ajax, PrimeFaces) were used for the frontend and consistent acceptance tests with Selenium were created.

03/2013–05/2013 **Webservice API for a big Ticketing-System**

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Client	Scheidt & Bachmann GmbH, Mönchengladbach
Area of responsibility	Development
Technologien Backend	Java SE, Spring Framework, JAX-WS, Metro, Apache Axis
Technologien Test	JUnit, Mockito, Spring TestContext Framework, SoapUI
Methodologies	XP, TDD, Refactoring, Clean Code, Continuous Integration, Continuous Deployment
Werkzeuge	Intellij IDEA, Apache Tomcat, JRebel, Maven 3, LiveRebel
Description	Creation of a web service interface for a ticketing system, which is in production and has more than one million transactions per day. The interface is used to decouple the previous JSF frontend from the backend. Since this is an international project, I have the documentation automatically generated as part of the CI. This included complete SOAP clients for various languages such as JavaScript, Ruby or Java.

01/2013–Heute **Batch processing of XML files**

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Client	projektwerk Unternehmensberatung GmbH, Hamburg
Plattform	<a href="http://www.projektwerk.com">http://www.projektwerk.com</a>
Area of responsibility	Development, DevOps
Technologien Backend	Java SE, Spring Batch, Spring Data
Technologien Frontend	Spring MVC, JSP, JSTL
Technologien Test	JUnit, Mockito, Spring TestContext Framework, H2
Methodologies	XP, TDD, Refactoring
Werkzeuge	Intellij IDEA, Apache Tomcat, JRebel, Maven 3
Description	Automated mass processing of XML files as a batch application. Web application as administration interface. Connection to an existing system via REST.

06/2012–07/2012 **Creation of a REST API for connecting an iPhone app**

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Client	EliteMedianet GmbH (TOMORROW FOCUS AG), Hamburg
Plattform	<a href="http://www.elitepartner.de">http://www.elitepartner.de</a>
Area of responsibility	Consultation, Development
Technologien Backend	Spring 3, Jersey (REST Framework)
Technologien Test	JUnit, Mockito, Selenium
Methodologies	TDD, Kanban
Werkzeuge	Intellij IDEA
Description	Creation of a REST API for an externally developed iPhone application. Automatic generation of interface documentation. Test-driven development in the CI process.

04/2012–06/2012	<b>Migration of an EJB application into a Spring 3 application</b>
Client	EliteMedianet GmbH (TOMORROW FOCUS AG), Hamburg
Plattform	http://www.elitepartner.de
Area of responsibility	Consultation, Development
Technologien Backend	Spring 3, EJB 3.0, HornetQ, Tomcat 6
Technologien Frontend	Struts, Sass, Compass
Technologien Test	JUnit, Mockito, Selenium
Methodologies	Scrum, XP, TDD, Kanban
Werkzeuge	Intellij IDEA, Atlassian Jira, TeamCity
Description	Conversion of an EJB 3.0 application on JBoss 5 to a Spring 3 Application on Tomcat.
10/2011–12/2011	<b>Migration of the continuous integration process from Jenkins to TeamCity; Building a continuous deployment process</b>
Client	EliteMedianet GmbH (TOMORROW FOCUS AG), Hamburg
Plattform	http://www.elitepartner.de
Area of responsibility	Configuration Management, DevOps
Werkzeuge	Intellij IDEA, Atlassian Jira, JetBrains TeamCity (inkl. Plugin-Development), Jenkins, Sonatype Nexus, Maven 3, ZeroTurnaround JRebel, Sonar
Description	Improve configuration management to move to a continuous deployment process. Provide tools for developers to enable agile, rapid development. Introduction of JRebel and Sonar.
04/2011–10/2011	<b>Converting a large web application (over 2 million active users) to an SOA with Java EE</b>
Client	EliteMedianet GmbH (TOMORROW FOCUS AG), Hamburg
Plattform	http://www.elitepartner.de
Area of responsibility	Consultation, Development
Technologien Backend	Java EE, EJB 3.0, JPA, Hibernate, Spring, PostgreSQL, JBoss AS 5, Tomcat 6, Apache Webserver, JBoss Messaging, HornetQ
Technologien Frontend	Struts
Technologien Test	JUnit, Mockito, Selenium
Methodologies	Scrum, XP, TDD, Kanban
Werkzeuge	JBoss EAP 5, Intellij IDEA, Atlassian Jira, Jenkins
Description	Building a SOA using EJB 3.0 on JBoss AS 5 to successively replace a Spring 2 legacy application. Selenium surface tests ensured the functionality of the application. Test-driven, agile development.

02/2009–04/2011 **Feature-Driven Development (Front- und Backend) of an international project exchange**

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Client	projektwerk Unternehmensberatung GmbH, Hamburg
Plattform	http://www.projektwerk.com
Area of responsibility	Entwicklung, Konzeption, Betrieb
Technologien Backend	Java SE, Scala, AspectJ, Spring, JPA, Hibernate, Lucene, SQL, JPQL, MySQL, Tomcat 6, Apache Webserver
Technologien Frontend	Spring-MVC, Catapult Webframework, JavaScript, jQuery, (X)HTML, SASS, CSS
Technologien Test	JUnit, Mockito, Spring TestContext Framework, Selenium, H2
Methodologies	Scrum, XP, User-Stories, TDD, Refactoring, Interface-First
Werkzeuge	Intellij IDEA, PivotalTracker, JRebel

01/2010–04/2011 **Development of automated acceptance tests and integration into the continuous integration of an international project exchange**

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Client	projektwerk Unternehmensberatung GmbH, Hamburg
Plattform	http://www.projektwerk.com
Area of responsibility	Entwicklung, Konzeption, Betrieb
Technologies	Selenium RC, Java SE, Maven 2, Tomcat, Jetty, TeamCity, Debian Linux, MySQL, H2

**Interface development for the connection of external payment providers and e-mail providers for the CRM of an international project exchange**

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Client	projektwerk Unternehmensberatung GmbH, Hamburg
Plattform	http://www.projektwerk.com
Area of responsibility	Entwicklung, Konzeption, Betrieb
Technologies	Scala, Spring-MVC, XML, REST, JUnit, Mockito
Methodologies	Test-Driven Development (TDD), Feature-Driven Development (FDD)

09/2010–10/2010 **Optimizing the performance of a Java online application**

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Client	projektwerk Unternehmensberatung GmbH, Hamburg
Plattform	http://www.projektwerk.com
Technologies	Apache Web-Server mit MOD_PROXY_AJP, Apache Tomcat 6
Werkzeuge	MySQL Server 5, Linux, HeartBeat, Shell, JMeter, EHCACHE
Description	Configuration of the Apache proxy server, the Tomcat server of an HA cluster and the database server MySQL; Load testing;

05/2009–10/2010 **Configuration management and establishment of a continuous integration and continuous deployment of an international online project exchange**

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Client	projektwerk Unternehmensberatung GmbH, Hamburg
Plattform	http://www.projektwerk.com
Technologies	Technologien
Werkzeuge	Tomcat, TeamCity, Nexus Repository
Description	Development of automatic build processes; Dependency Management; Configuration of the build server and application server; monitoring;

05/2009–05/2010	<b>Development of a platform for the administration and research of media and journalist data for a PR service provider</b>
Area of responsibility	Entwickler, Konfigurationsmanager
Technologies	Java SE, Spring, Spring-MVC, JPA, Hibernate, Lucene, SQL, (X)HTML, CSS, JavaScript, jQuery, Ajax, XML, Maven 2, Ant, Selenium, JUnit, EasyMock, Tomcat, Shell, Linux
Werkzeuge	Eclipse, IntelliJ IDEA, Hudson, Nexus
01/2009–05/2010	<b>Conversion of a German project exchange to a international and multi-tenant project exchange</b>
Client	projektwerk Unternehmensberatung GmbH, Hamburg
Plattform	<a href="http://www.projektwerk.com">http://www.projektwerk.com</a>
Area of responsibility	Projektleiter, Konzeption
Methodologies	Scrum, XP, User-Stories, OOA, OOD, TDD
Werkzeuge	PivotalTracker
10/2008–05/2010	<b>Renewal of the server infrastructure of a hamburger Software development company with 15 employees</b>
Area of responsibility	System-Administration
Technologies	Kollaboration: Max OS X Server Endian Firewall DNS/DHCP/VPN auf Debian Linux Subversion/Trac/Git Hosting auf Ubuntu Linux Java Hosting mit Tomcat/JBoss auf Ubuntu Linux Java Maven Hosting mit Nexus Repository Server Continuous Integration: CruiseControl, Hudson, TeamCity DB Hosting mit Oracle XE und MySQL Virtualisierungen mit VMWare Server
Werkzeuge	Java SE, Spring, JSF, Facelets, HTML, CSS, JUnit, Canoo WebTest, Ant, MySQL, Eclipse, Subversion
Methodologies	Scrum, XP, User-Stories, TDD, Refactoring
07/2008–10/2008	<b>Further development of a Danish platform of a telecommunications provider</b>
Area of responsibility	Development
Technologies	Java SE, Spring, JSF, HTML, CSS, JUnit, Ant, Eclipse, Subversion
07/2008–12/2009	<b>Further development of a Java application for administration of installer operations of a large energy supplier</b>
Area of responsibility	Project lead, Developer
Technologies	Java SE, Spring, JSF, Facelets, Spring, Lucene, JavaScript, HTML, CSS, Ant, Tomcat, Oracle, Subversion
Werkzeuge	Eclipse
10/2007–06/2008	<b>Master thesis: Enhancing Java with a fine grained access control</b>
Technologies	Java, AspectJ, Java Compiler (AST Modifikation)
Werkzeuge	Eclipse, AJDT, Spoon
Reference	<i>Das Friendship-Framework</i> : <a href="http://timomeinen.de/development/devel.html">timomeinen.de/development/devel.html</a>

01/2006–08/2006

**Diploma thesis: Analysis of Model-Driven-Architecture (MDA)**

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Area of responsibility Automatic generation of Java Swing applications defined by UML  
Technologies MDA, UML, Java, Spring, Swing, AndroMDA, Maven, Eclipse