

Curriculum vitae

PERSONAL INFORMATION

Michael Oberwasserlechner

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🌐 <https://byteowls.com> [in](https://www.linkedin.com/in/oberwasserlechner/) <https://www.linkedin.com/in/oberwasserlechner/> <https://github.com/moberwasserlechner>

📅 **Date of birth** 22 Feb 1982 | **Nationality** Austrian

WORK EXPERIENCE

10/2017–Present

Founder, Software Architect, Developer

BYTEOWLS Software & Consulting (Owner) (Austria)

Team Conductor (10/2017 - ongoing)

Online club / association / society management platform.

In 2018 I worked up to 90% on this product and launched a multi-language web platform (PWA) running on the AWS cloud, Android and iOS apps, a multi-language product website using WordPress and social media accounts.

Responsibilities

- Idea
- Concept and project management
- Product development
- Marketing
- Support
- Dev Ops

See team-conductor.com for details.

Used frameworks, techniques and tools

Java 8, Spring MVC, Spring Java Config, Spring Security, Spring Boot, OAuth2, SASS, CSS, JSP+JSTL, Thymeleaf, Hibernate 5, Liquibase, MySQL, Gradle, Maven, Git, IntelliJ IDEA, Jira. Angular 6+, TypeScript, RxJs, Capacitor, XCode 10, Android Studio, Amazon Web Services incl. Elastic Beanstalk, S3, EC2, RDS, EFS, SNS, SES, SQS.

Consulting

■ Upgrade a Vaadin 6 application

- By using Vaadin 8 I removed nearly all addons
- Spring Boot with embedded servlet container instead of Tomcat 7 makes development much easier
- Clean up dependencies
- Clean up and speed up Hibernate and Database
- Found and documented various critical bugs

■ Migration guide for 3 existing projects

- Only database access possible
- ETL for the win

02/2008–03/2017 **Senior Software Developer and Architect**
Netconomy Software & Consulting, Graz (Austria)

Responsibilities:

- Technical lead
- Architecture and development of the enterprise information management platform MUM. See <http://mum-software.com> for details.
- Find generic solutions for complex and specific customer needs to improve the software without building customer specific features
- Scrum Master incl. the introduction of Scrum to the team a few years ago
- Maintain Jira, Confluence and BitBucket for the team
- Presale
- Implement MUM based projects with customers

Main activities (sub projects):

- Integration of various authentication technique like LDAP, Active Directory, Kerberos, SAML2 and Azure AD.
- Integration of a BPMN process engine
- Migration project from Spring XML to a customizable Spring Java Config based on Servlet Specification 3.0
- Improvement of the the build process by moving to Gradle and dependency management
- Adapt MUM to run on Azure App Services
- Basic experience with SAP HCP
- ...

Used frameworks, techniques and tools

Java 6-8, Spring MVC, Spring Java Config, Spring Security, Spring Boot, LDAP, Kerberos, Active Directory, SAML2, Azure AD, GWT, Vaadin, SASS, CSS, JSP+JSTL, JQuery, Camunda BPM, Eclipse, BIRT, Hibernate 4, Liquibase, MS Sql Server, Oracle, Ant, Gradle, Maven, Git, SVN, JVM based Scripting, JavaScript Rhino + Nashorn, Azure App Services, New Relic APM, Tomcat 6-8.5, Apache Http 2.x, IntelliJ IDEA, Jira, Confluence, Bitbucket, Nexus Maven Repository.

10/2005–01/2008 **Junior Software Developer**
FH JOANNEUM University of Applied Sciences, Graz (Austria)

Responsibilities:

- On-going development and customization of a degree course administration software
- Creating various reports for the degree courses, like grade sheets or diploma supplements
- 3rd level support
- Training

Used frameworks, techniques and tools:

Java 5 (Servlets), JSP, Sql Server, HTML, JavaScript, iText

EDUCATION AND TRAINING

10/2013–10/2013 **Certified Professional for Software Architecture**
iSAQB, Berlin (Germany)

In this foundation level course I learned:

- the concept and significance of software architecture
- tasks and responsibilities of software architects

- the role of software architects within projects
- state-of-the-art methods and techniques for developing software architectures

10/2000–06/2005

DI (FH) in Telematic and Network Engineering

EQF level 7

FH Technikum Kärnten - University of Applied Sciences, Klagenfurt (Austria)

PERSONAL SKILLS

Mother tongue(s) German

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills

- Technical Lead
- Scrum Master
- Organizing technical trainings

Job-related skills

In addition to my work related skills I have experience in:

- Open Source
 - Evaluation of Open Source projects
 - Active development and contribution to OSS projects
 - See <https://github.com/moberwasserlechner/>
- Amazon Web Services
 - Elastic Beanstalk (PaaS) and customization with .ebextension
 - Developing with the AWS Java SDK for SES (Transactional email Service), SNS, SQS, S3, RDP, EFS
- Progressive Web Apps (PWA)
 - Angular 6+
 - Capacitor (contributions and plugins)
 - Ionic Framework
 - User Experience Design (UXD)
 - Angular component development
- REST
 - Spring (MVC, Security, Boot)
 - CORS
 - Swagger
 - Soap UI
- WordPress
 - Admin skills

Digital skills

SELF-ASSESSMENT

Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid