

# Curriculum vitae

## PERSONAL INFORMATION

### Michael Oberwasserlechner

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

## WORK EXPERIENCE

03/2019–09/2019

### Freelance Lead Developer

Senacor Technologies AG / BAWAG P.S.K., Wien (Austria)

#### Responsibilities

##### Application Development

- Application for cashing out money
- Integration with core banking system
- Integration with counter devices like ID scanner, Signature pad
- Coaching a junior developer
- Presentation and communication with customer
- Preparing tasks and sprints
- Technical Documentation

##### DevOps

- Manual migration of Bitbucket Cloud repositories (incl. Pull Requests and Comments, clean up hundreds of stale branches) to on premise Gitlab (no direct access possible)
- Jenkins installation and integration with Gitlab
- Dev Server Setup (Apache)

#### Tech Stack

Angular 7, Angular Material, Spring Boot 2.x, Spring Security, JUnit 5, Gradle, Gitlab, Jira, Confluence, Redhat Linux

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](http://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
- Maintain Jira, Confluence and BitBucket for the team
- Pre Sales
- 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