

# Dr Gerald Loeffler, MBA

An enterprise and solution architect with a strong background in JVM-based software development who works across all architecture domains (business, data, application and technology) to solve application development and system integration challenges through teamwork.

I lead and work with technical teams and organisations creating software-intensive systems, particularly in the enterprise integration space. In doing so I draw on my copious project and industry experience, gained as a client-facing professional services consultant ([MuleSoft](#), [Guidewire](#), [Sun](#)) or in predominantly internal management, architecture and development roles ([ITSV](#), [Cortical.io](#), [ObjectLab](#), [ShipServ](#) etc.). I have also applied this experience to the creation of case studies, software, courses and certifications for enterprise and solution architects with an integration focus ([Salesforce](#), [MuleSoft](#)).



I design and develop software on platforms such as AWS, Kubernetes, MuleSoft Anypoint Platform, Jakarta EE, JBoss EAP, Quarkus or Spring.

I aspire to understand the entire breadth of modern software development in sufficient depth to then successfully apply it to the solution of concrete architectural challenges. This ideal is reflected not only in my [career](#) but also in the [professional certifications](#) that complement my [formal education](#). I am motivated by approaching this ideal in close and inspiring collaboration with a team of professionals.

## Professional Experience

The final job title in each position is stated.

All positions are permanent and full-time, unless otherwise noted.

### from 4/2023: IT-Services der Sozialversicherung (ITSV)

#### Cloud Solution Architect

Participate in the establishment of an AWS/Azure cloud foundation.

Jakarta EE software architecture, also on OpenShift, and guidance of a small dev team in this space.

Contribute to Enterprise Architecture governance and standardization efforts.

### 1/2021 - 4/2023: Salesforce

#### Principal Architect, Head of MuleSoft Training Center for Technical Enablement

Context: Educating architects and developers to be successful in organisations using MuleSoft's integration products and methodology.

Manage a small global team of architects in MuleSoft Training.

Provide product and industry insights and best practices pertinent to MuleSoft's portfolio.  
Propose changes and additions to courses and certifications and their underlying software solutions.

Accountable for technical correctness of training material.

Develop a course for consultants and architects on MuleSoft's methodology for integration engagement delivery.

Specify the AsyncAPI binding for Anypoint MQ.

TOGAF, MuleSoft Catalyst, ArchiMate, AsciiDoc, Java, Kotlin, Quarkus, Maven, RAML, AsyncAPI, Mule, Anypoint Platform, Slack SDK, Kubernetes, AWS, GitHub Actions.

#### **4/2017 - 10/2020: MuleSoft**

**Technical Curriculum Architect** (full-time contractor)

Architecture, design and implementation of cloud-native enterprise integration solutions for educational purposes.

Creation of training courses and certifications for enterprise and solution architects and advanced developers based on and informed by these integration solutions.

Enablement of MuleSoft's global team of instructors to teach these courses.

Sporadic consulting engagements with MuleSoft's clients under the banner of MuleSoft Professional Services.

TOGAF, ArchiMate, AsciiDoc, Java, Kotlin, Spring Boot, Maven, RAML, Mule, Anypoint Platform, Kubernetes, AWS, GitHub Actions.

#### **11/2015 - 2/2017: Cortical.io**

**Head of Development**, Vienna

Context: Startup in Semantic Text Processing and Machine Learning.

Grow and professionalise a team of approx. 12 data scientists and software engineers.

Organisational structure and processes for customer projects and product development.

Project manager, Scrum master, architect and developer.

Scrum, Scala, Java, Spring Boot, Apache Spark, AWS, Natural Language Processing, Machine Learning, Jenkins, JIRA.

#### **3/2014 - 10/2015: MuleSoft**

**Principal Solutions Architect** EMEA, Professional Services (employment through German subsidiary)

Consultant in integration architecture and implementation for MuleSoft's clients.

On-site projects with companies in the insurance, retail, energy and media industries.

Contributions to enterprise architecture, solution architecture, technical leadership and implementation.

Mule, Java, Maven, JMS, ActiveMQ, Oracle, Teradata, SAP ERP, Salesforce, REST, RAML, JSON, JSON-Schema, SOAP, WSDL, CXF, Jenkins, SOAPUI, JMeter, CloudHub, AWS.

#### **1/2008 - 2/2014: Guidewire Software**

**Senior Integration Architect** EMEA, Professional Services (employment through German subsidiary)

Customer-facing, project-centred delivery management, architecture and development for multi-year core insurance system modernisation initiatives in UK and Milan.

Creation and delivery of training courses targeting developers and architects integrating with Guidewire software products.

Scrum, Guidewire Insurance Suite, Java EE web profile, Spring, SOAP, WSDL, Axis, IBM WebSphere MQ, Oracle DB, Microsoft SQL Server, JBoss AS, Tomcat.

### **3/2007 - 12/2007: ObjectLab Financial**

**Senior Architect/Developer**, London

Internal software development for investment banking.

Refactoring of a complex Java EE client-server application to use Spring.

Java, Java EE, Spring, Mule, ActiveMQ, JAXB.

### **9/2006 - 2/2007: ING Direct**

**Enterprise Architect und Team Lead Architecture and Java Software Development**, Vienna

Growing a team of approx. 10 internal and external software developers and architects.

Java EE-based strategy for SOA und BPM.

JAX-WS, JAXB, SOAP, WSDL, JBoss jBPM.

### **6/2005 - 5/2006: ShipServ**

**Enterprise Software Architect**, London

### **4/2005 - 5/2005: Capgemini**

**Technical Architect**, Enterprise Java Solution Centre, London

### **2/2001 - 2/2005: Sun Microsystems**

**Consulting Java Architect**, Professional Services, Vienna

### **3/2000 - 1/2001: Research Institute of Molecular Pathology (IMP)**

**Software Architect**, Vienna (fixed-term employment)

### **3/1999 - 2/2000: Apollo Imaging**

**Software Developer/Architect**, Vienna

### **2/1998 - 2/1999: Boehringer Ingelheim R&D**

**Bioinformatics Scientist**, Vienna

### **2/1997 - 1/1998: Research Institute of Molecular Pathology (IMP)**

**Postdoctoral Research Scientist**, Vienna (fixed-term employment)

### **12/1994 - 5/1996: University of Vienna**

**UNIX system and network administrator**, Molecular Dynamics group, Institute for Theoretical Chemistry (fixed-term employment)

**10/1994 - 1/1995: University of Vienna**

**Tutor** for Parallel Algorithms in the Computer Simulation of Bio-molecules, Institute for Theoretical Chemistry (fixed-term employment)

**7/1989 - 6/1994**

Contractor in software development, university tutorial demonstrator and other part-time jobs in chemistry/biology laboratories

# Formal Education

## 2/2009 - 6/2012: MSc Psychology

Master of Science in Psychology (Distinction), The Open University

## 5/2003 - 10/2006: MBA

Master of Business Administration, The Open University Business School

## 5/1994 - 1/1997: PhD Bioinformatics

Doctor rer. nat. (PhD) in Bioinformatics, University of Vienna

## 10/1987 - 5/1994: BSc and MSc Biochemistry

Magister rer. nat. (BSc + MSc) in Biochemistry, University of Vienna

# Certifications

The dates of the passed certification exams are stated.

## Technology-agnostic

Certified Professional for *Software Architecture* (CPSA) Foundation Level, iSAQB (12/2022)

Lightbend Certified *Reactive Architect* (1/2019)

TOGAF 9 Foundation (10/2018)

Certified *ScrumMaster* (10/2008)

PRINCE2 Foundation project management certification (4/2003)

Principles of *Managing Iterative Development*, Rational University (11/2001)

## Cloud and cloud-native

AWS Certified *Solutions Architect - Associate* (12/2023)

AWS Certified *Cloud Practitioner* (9/2023)

MuleSoft Certified *Platform Architect* (MCPA) Level 1 (7/2018)

Certified *Kubernetes* Application Developer (CKAD) (5/2018)

## Integration

Certified MuleSoft *Integration Associate* (1/2023)

MuleSoft Certified *Developer - Level 2* (6/2022)

MuleSoft Certified *Integration Architect* (MCIA) Level 1 (4/2020)

*Integration and API* Associate (5/2017)

MuleSoft Certified *Trainer* (2/2015)

Associate *API Designer* with RAML (12/2014)

Associate MuleSoft *Connector Developer* for Mule ESB 3.5 (12/2014)

Certified MuleSoft *Developer* (7/2014)

Associate Mule *Developer* (3/2014)

*Guidewire ClaimCenter 6.0 Technical* (Integration) Certification (3/2011)

*Guidewire Integration Certification (1/2008)*

## **Salesforce**

Salesforce Certified *Platform App Builder (SP21)* (7/2021)

Salesforce Certified *Platform Developer I (SP21)* (7/2021)

## **Java EE**

Oracle Certified Master Java EE 6 *Enterprise Architect* (4/2013)

Oracle Certified Expert Java EE 6 *EJB Developer* (3/2013)

Sun Certified *Enterprise Architect (SCEA)* for Java EE 5 (12/2007)

## **Various Software Development**

*Slack* Certified Developer (3/2022)

Certified Developer on *Apache Spark* (7/2015)

Sun Certified *Java Programmer 1.1* (11/1998)

Training and Research on *Advanced Computing Systems* (5/1995 - 7/1995)

## **Languages**

*IELTS Academic* English language test (C2) (6/2023)

*Cambridge Certificate of Proficiency in English (CPE)* (C2) (6/2004)

*CELI 3* Italian upper intermediate (B2), Università per Stranieri di Perugia (6/2013)

# **Personal Details**

## **Dr Gerald Loeffler (Löffler), MBA**

Born 16 September 1968 in Vienna

Austrian/EU citizen

Native speaker of German

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