

## Profile

Rico Metzger

Profession	Senior Software Engineer, Software Architect
Residence	Thunstetten
Year of birth	1979
Nationality	Switzerland
English	Fluent, spoken and written
German	Mother tongue
French	Good



## Experience

As part of various software projects, Rico Metzger has successfully demonstrated his knowledge of software design, architecture and implementation in the JVM environment. He has in-depth and broad knowledge of Java frameworks.

Customers appreciate his ability to find and implement pragmatic and technically well-thought-out solutions in a complex system architecture. His ability to integrate seamlessly into a team and his open nature complete his profile

## Skills

Programming Languages	Scala, Kotlin, Elixir, Javascript/Typescript, Python, Java, Groovy, Ruby
Frameworks	Cats Effect (+http4s) / scalaz, Akka, Phoenix, Django, Rails, Camel, JavaEE, Spring, TensorFlow, Mule, Express, React, Angular
Databases	Oracle, Postgres, MSSQL, MongoDB, Cassandra
Methodology	TDD, Scrum, Kanban, Rational Unified Process (RUP)
Diverse	Assentis DocFamily, Compart DocBridge Mill / Toolkit, HP Exstream

## Ausbildung

<b>2001 - 2003</b>	ETH Zürich Study Computer Science
<b>2003 – 2005</b>	Zürcher Hochschule Winterthur Diplomierter Informatik Ingenieur FH

## Experience / Projects

<b>10/2021 – 12/2022</b>	<b>Bison – SmartFarming</b> <ul style="list-style-type: none"><li>Participation in the SmartFarming Team on various microservices for the platforms <a href="#">365FarmNet</a> and <a href="#">Barto</a>.</li></ul>
Technologies	Java, Spring Boot, MSSQL, Kubernetes, Scrum,
<b>07/2021 – 09/2021</b>	<b>WMC – Deputy COO (employee)</b> <ul style="list-style-type: none"><li>Induction as COO</li><li>Establishing a digitization strategy</li><li>Optimization of running processes with automations</li></ul>
Technologies	Elixir, Phoenix, Python

<b>11/2017 – 06/2021</b>	<b>SRF – EAI / PDP</b> <ul style="list-style-type: none"> <li>• Participation in SRF Online on a platform for processing and providing metadata and videos for use in an online platform.</li> <li>• Participation in the new development of a platform for storing publication metadata for the entire SRG</li> </ul>
Technologies	Scala (Pure FP), Kafka, Cassandra, Cats/scalaz, Python (Library)
<b>06/2016 – 09/2017</b>	<b>Finnova / Lenzburg –FrontSuite</b> <ul style="list-style-type: none"> <li>• Development on the Finnova FrontSuite, Release 3. The goal of the platform was to provide a modern front end for customer advisors at banks, based on the latest technologies</li> </ul>
Technologies	Scala, Akka, BPMN, Docker, Domain Driven Design, Event Driven Architecture, Microservices, Scrum
<b>11/2015 – 07/2016</b>	<b>Credit Suisse / Zürich – CSOMS Migration</b> <ul style="list-style-type: none"> <li>• Assistance in the migration from CSOMS to JAP 8 and at the same time conceptual support in the development of a platform for document conversion based on Compart DocBridge.</li> </ul>
Technologies	JAP, Assentis DocFamily, Compart DocBridge Mill, Oracle, AFP, PDF
<b>11/2014 – 10/2015</b>	<b>Swisscom Schweiz AG (employee)</b> <ul style="list-style-type: none"> <li>• Development of a complete monitoring and integration platform for Finnova Output with Assentis COM4F.</li> </ul>
Technologies	Spring Boot, AngularJS, Vaadin, Oracle AQ, Camel, Assentis, Elca, SFTP
<b>07/2013 – 11/2014</b>	<b>Axa Winterthur – OMS/CSI</b> <ul style="list-style-type: none"> <li>• Integration of HP Exstream at AXA Switzerland with a connection of the engine to a rendering farm.</li> </ul>
Technologies	Spring Batch, HP Exstream, JBoss, Scrum
<b>09/2012 – 05/2013</b>	<b>Credit Suisse / Zürich – FOMS (FormSec Output Management System)</b> <ul style="list-style-type: none"> <li>• Development of a software component for the enrichment, conversion and printing of tax-relevant documents for customers in countries with tax treaties. The documents are created with Assentis DocFamily without customer data and the tax-relevant customer information is supplemented by FOMS</li> </ul>
Technologies	WebLogic (JEE5, EJB3), Compart DocBridge Mill, JSF2, MQ, JPA, Spring, Camel, Oracle (inkl. PL/SQL Packages), AFP
<b>06/2010 – 06/2012</b>	<b>Credit Suisse / Zürich – EOMS (Eurom Output Management System)</b> <ul style="list-style-type: none"> <li>• Development of a central printing system for the private banking segment in Luxembourg. The documents are designed in Zurich for the entire bank, but the customer data is only available in Luxembourg itself. The system supplements the anonymous designs from Zurich and supplements them with customer data from Luxembourg. The documents are then archived and converted for printing.</li> </ul>
Technologies	WebLogic, JSF1.2, MQ, JPA, Oracle, Compart DocBridge Mill, AFP, RUP

<b>01/2010 – 12/2012</b>	<b>Credit Suisse / Zürich – CSOMS (Credit Suisse Output Management)</b> <ul style="list-style-type: none"> <li>Architecture and PoC of a new output management system for central and decentralized printing via Assentis DocFamily as the bank's future central printing solution in private banking.</li> </ul>
Technologies	WebLogic (JEE5), Spring (incl. Spring Batch), MQ, Corba, Assentis DocFamily, AFP
<b>07/2009 – 04/2010</b>	<b>Credit Andorra / Andorra - CorCredit</b> <ul style="list-style-type: none"> <li>Integration of Assentis DocFamily for connection to Avaloq via IBM MQ. Connection to existing systems which will not be replaced. In addition to DocFamily, use of a Tomcat application server and the Camel framework for integration.</li> </ul>
Technologies	Apache Tomcat, Assentis DocFamily, Spring, Camel, Scala, Akka, AFP, Drools
<b>06/2009 – 07/2009</b>	<b>Basler Kantonalbank / Basel – Doc1 Printing</b> <ul style="list-style-type: none"> <li>Layout of documents for connecting Doc1 to Avaloq. Technical support for problems related to output with AFP</li> </ul>
Technologies	Doc1, AFP
<b>05/2009 – 06/2009</b>	<b>Fiducia / Karlsruhe – Kampagnen Management</b> <ul style="list-style-type: none"> <li>Development of a solution for a campaign management of Fiducia, which supplements existing print jobs in AFP data format with colored PDF documents</li> </ul>
Technologies	Assentis DocFamily, AFP, Spring
<b>02/2008 – 12/2008</b>	<b>VP Bank / Liechtenstein – Core Banking</b> <ul style="list-style-type: none"> <li>Enhancement of the documents created from Avaloq's core banking. In addition to headers and footers, this included cover sheets and the implementation of an enveloping solution optimized for mailing costs</li> </ul>
Technologies	Assentis DocFamily, Postscript, Spring
<b>01/2001 – 12/2020</b>	<b>WMC Sinterstar AG / Schweiz - ERP</b> <ul style="list-style-type: none"> <li>Development of customer-specific applications as internal ERP. First as a client/server solution with Delphi, later migration to Spring Boot / Angular</li> </ul>
Technologies	Delphi, Firebird, Java, Spring Boot, Angular, PostgreSQL, AWS