


# QUALIFICATION PROFILE

**Sahlbach, Andreas**

Software-Architect + Senior Developer

## PERSONAL DATA

	<p>Mr. Sahlbach is Software Architect and Senior Developer for Java and C++ on a freelance basis.</p> <p>Following his graduation as a Diplom Informatiker at the Technical University of Brunswick, Mr. Sahlbach worked for StarDivision GmbH in Hamburg as C++ developer of their internet department. After that he started working for Hewlett-Packard within their HP OpenView department. Four years later he became freelancer and works since then in several projects within the automotive environment.</p> <p>The main focus of his work has been Java backend development with distributed architectures within an enterprise environment.</p>
Born:	1967
Qualification:	Graduation as Diplom Informatiker at Technical University of Brunswick, Grade 1.0
Certificates:	<ul style="list-style-type: none"><li>• MongoDB for Java Developer</li><li>• MongoDB for DBAs</li></ul>
Languages:	<ul style="list-style-type: none"><li>• Deutsch</li><li>• Englisch</li></ul>
Professional Experience since:	1990

## KNOW HOW

Main Focus:	<ul style="list-style-type: none"><li>• Software Architecture (SOA, WebServices, Message Oriented Architecture, distributed architectures within the enterprise environment)</li><li>• Senior Java Developer</li><li>• Build Master and Release Manager for High Availability Services</li></ul>
Programming Languages:	<ul style="list-style-type: none"><li>• Java</li><li>• C++</li><li>• Groovy</li><li>• several scripting languages (Perl / PHP / JavaScript / Shell etc.)</li><li>• Buildtools (Jenkins / Gradle / Maven / Ant)</li></ul>
Databases:	<ul style="list-style-type: none"><li>• Oracle</li><li>• MySQL</li><li>• MongoDB</li><li>• Cassandra</li></ul>
Methodological Know-How:	<ul style="list-style-type: none"><li>• SCRUM</li><li>• Kanban</li></ul>
Soft Skills:	<ul style="list-style-type: none"><li>• communicative and motivating team worker</li><li>• independent worker, responsible problem solver</li><li>• analyzing and questioning</li><li>• confident, but open for good arguments</li></ul>
Industry Experience:	<ul style="list-style-type: none"><li>• Automotive</li><li>• Networking</li></ul>

## PROJECT EXPERIENCE EXCERPTS

### Implementation and Design of an External Authentication Module for WebSEAL

Industry:	Automotive
Main Focus:	Development of an External Authentication Module for WebSEAL within the Volkswagen environment using several configurable LDAPs and the capability to select from a list of possible accounts of a person. Support of PKI, Radius and password based login.
Role:	Senior Developer, Technical Lead
Tasks:	Design and Implementation
Tools:	Spring (Data, JMS, MVC etc.), XmlBeans, Apache CXF, Velocity, Jasypt, Guava, Bouncycastle, Tomcat, etc.
Project Duration:	2014 - heute

### Architect for AIS

Industry:	Automotive
Main Focus:	Operational Architect for the Department of AIS (Access- and Identity-Management)
Role:	Architect
Tasks:	support and coordination for several development projects of the AIS department
Tools:	Enterprise Architect
Project Duration:	2012 - 2014

### Development and Design of an Identity Repository

Industry:	Automotive
Main Focus:	Design and Implementation of a Identity Repository backend for customer of VW. Creating and assigning VW-Global-IDs based on email-addresses and social IDs (Facebook, OpenID, Google-Account etc.)
Role:	Senior Developer and Architect
Tasks:	complete development and database design taking account of several instances with world wide usage
Tools:	Spring, JAXB, Apache CXF, Jetty, Jasypt, Bouncycastle etc.
Project Duration:	2011 - 2012

### Design and Implementation of a REST Interface for the B2B-Usermanagement system

Industry:	Automotive
Main Focus:	Design and Implementation of a REST Interface for the B2B-Usermanagement system, as well as an easy-to-use Java based client library.
Role:	Senior Developer and Architect
Tasks:	Design and Implementation, Architecture
Tools:	Spring, JAXB, Apache CXF, Tomcat, Hibernate etc.
Project Duration:	2009 - 2011