

Resume Dipl.-Inf. Wolfgang Häfelinger



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🏠 1964

SOFTWARE ENGINEER & SOLUTION ARCHITECT

👑 COMPETENCES

- Full-Stack
- Java, Typescript, Python, C++
- J2EE, Spring, Quarkus, Kubernetes
- Webcomponents, Angular
- OpenSource

🔗 STRENGTHS & WEAKNESSES

- persistent
- conscientious
- reliable
- involved
- independent
- structured
- perfectionist

🎓 EDUCATION

- Computer science (University of Karlsruhe)
- Machine fitter (Federal Railways)

🗣️ LANGUAGES

- German

📁 PROFILE

Experienced Software Engineer adept in offering cutting edge engineering solutions. Bringing forth experience in managing all aspects of the software management lifecycle. Skilled in problem-solving and executing software tasks from start to finish.

📁 PROFESSIONAL STATIONS

2017-2021	Helvetia AG, Bale (CH)	Insurance
2016-2017	PTV AG, Karlsruhe (DE)	Mobility
2015-2016	United Internet AG, Karlsruhe (DE)	Communications
2012-2015	EnBW AG, Karlsruhe (DE)	Energy
2005-2012	European Patent Office, The Hague (NL)	Patents
2010-2011	T-Systems MMS GmbH, Jena (DE)	E-Commerce
2001-2005	Borland, Amsterdam (NL)	Software
2000-2001	Dresdner Bank, Frankfurt (DE)	Banking
1994-2000	Computec GmbH Software, Karlsruhe (DE)	Software

HELVETIA AG, BASEL (CH)

2017-2021 - permanent position; Fullstack senior software engineer in various areas of responsibility. Highlights:

Chatbot Clara

- Responsible development of the web-based HMI / MMI interface (ChatWidget)
- Conception and evaluation of user behavior (analytics)
- Connection to backend systems

Customer portal

- Full stack activities in the development of a customer portal
- Printing line's API
- System monitoring via Dynatrace Dashboard

Miscellaneous

- Technical contact for the offshore team of a supplier for questions about architecture, quality assurance, prioritization, advice and acceptance
- Responsible further development of an legacy system (EDP, J2EE)
- Trainee supervision

🔑 Technologies

Languages	Java 8, Typescript, Javascript, Python, Shell, Node.js
J2EE	JBOSS, Quarkus, Spring, Oracle DB, H2, MongoDB
Web	WebComponents, WebSockets, HTML5, CSS, XML
Virtualization	Openshift, Docker
AI	RAS, Machine Learning, NLU (Natural Language Understanding)
CI	Nexus, Maven, BitBucket, GIT
Other	Jira, Scrum, Kanban, Excel, PowerQuery, Splunk, Dynatrace

ENBW, KARLSRUHE (DE)

2012-2015 - Freelance; Senior software engineer in various projects. Highlights:

MABEX

- English
- Dutch

HOBBIES

- windsurfing
- alpine skiing
- brass music

OTHER

- abroad (NL, CH)

REFERENCES

- Demand it!

Complete revision of a web shop for external service providers in Cooperation with the web and design team:

- Conversion to asynchronous operation using AJAX and JQUERY
- Migration from JSF 1.x to JSF 2.0

VNK

Complete, responsible overhaul of the notoriously unstable service for Calculation of forecasts and provisions for energy supply contracts:

- Architectural separation in data transfer and calculation
- Horizontal scaling via distributed queues (Hazelcast)

ELCZ2

New construction of a system-critical component between energy sales and trading in small team (4 people):

- Implementation of business processes (BMP diagrams)
- Design and implementation of the WebApp
- Construction and maintenance of the software infrastructure (Gradle, CI, Artifactory)
- Backend connections

Technologies

Language	Java 1.7, Javascript
J2EE	Tomcat, JSF, Richfaces, Activiti, Oracle 11g, H2, SQL, PL/SQL, Stored Procedures, TibcoJMS, ActiveMQ
Frameworks	SOAP, CXF, Spring, JSF, JQUERY, Hibernate/JPA, Quartz, JMX, Dozer, Joda, AJAX, Jco, Hazelcast
CI	Gradle, Jenkins, Subversion, CVS, Artifactory, Nexus, Maven, Ant
Other	Jira, Spring, STS, Sharepoint, Scrum, JBehave, Junit, Findbugs

EUROPEAN PATENT OFFICE, THE HAGUE (NL)

2004-2012 - Freelance; Solution architect with various problems. Highlights:

OCR-Gateway

Creation of a *fair* service for the recognition of characters in the context of an automated translation:

- Independent, responsible provision of the service based on ABBYY RS
- Fairness via distributed job management and REST API
- Prototype implementation using Node.JS
- Full implementation (J2EE), provision and documentation
- Design for about 7000 users (performance tests)
- Successful and timely commissioning

Darwin

Problem analysis, conception and provision of a fully automatic, agile build system based on CruiseControl:

- Version management completely automated
- Automated dependency tests
- Portable support (Linux, Windows, Ant and Maven)
- Drastic reduction of Ant scripts (declarative style); mostly only specification of versionless dependency
- Support three-digit software projects
- De facto build environment at the European Patent Office.

Technologies

Sprache	Java, Javascript, Shell, Python, Ant, Maven, Groovy
J2EE	Tomcat, JBOSS AS, JBoss Cache, REST, XML/XPATH, JSP
CI	CruiseControl, Hudson, Jenkins, Nexus Pro, Subversion, CVS, make, autoconf
OCR	ABBYY RS 3.0, CVISION, Iris
Dokumentation	ASCIIDoc, DocBook, XeTeX, TkiZ
Other	Tanuki Wrapper, VMWare, JIRA, graphviz, YourKit, HP Loadrunner