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Stefan Bauer

Java/PHP Developer

Working as a Java dev for 25y.
Available for projects and as an employee

Skills

- ★★★★★ German/Deutsch (native)
- ★★★★★ English (C1)
- ★★★★★ Java (8 - 24)
- ★★★★★ Spring Boot (3, 3.5, 4-beta)
- ★★★★★ J2EE
- ★★★★★ Microservices, Spring Cloud
- ★★★★★ REST Services, OpenAPI
- ★★★★★ JUnit, AssertJ
- ★★★★★ BDD, Cucumber, Selenium
- ★★★★★ JPA, Hibernate
- ★★★★★ MySQL
- ★★★★★ PostgreSQL
- ★★★★★ MongoDB
- ★★★★★ Liquibase, Flyway
- ★★★★★ Vaadin Flow (14+)
- ★★★★★ Vaadin 7-8
- ★★★★★ Maven
- ★★★★★ Gradle
- ★★★★★ GIT, Gitlab, CI/CD
- ★★★★★ PHP (3-5)
- ★★★★★ PHP (7-8)
- ★★★★★ Laravel
- ★★★★★ Angular
- ★★★★★ React (in Vaadin)
- ★★★★★ JavaScript, TypeScript

Projects / Portfolio

SSC

2024 – now

self-developed project, about spaceships

Frontend: Angular 20, Spring Boot 4
Backend: Vaadin 25, Spring Boot 4

Irrigation planning/sales software

2004 – 2025

Highly integrated custom software suite,
Irrigation equipment company

2020 – 2025 project owner, on-site + remote
team of 4-7 members
in Voitsberg, Austria and São João da Boa Vista, Brasil

Spring Boot 3.5
Vaadin 24
JDK 24
Microservices, Spring Cloud, OpenFeign, Resilience4J
RabbitMQ, Spring AMQP
Hibernate, Liquibase
REST, Spring Feign Cloud, Spring WebMVC
BDD, Cucumber
JUnit 5, Selenium (Vaadin version, called TestBench)
OpenLayers3 (JS Map Software)

2018 – 2020 Vaadin Flow migration

Spring Boot 2
monolithic
Vaadin Flow (14+)
JUnit4

2013 – 2018 Vaadin 7 – 8 rebuild

Vaadin 7 and 8
J2EE
EclipseLink

2003 – 2006 Initial Version

Porting an old Pascal/Delphi program to Java
Porting another old VisualBasic program to Java

Apache Struts
Plain old HTML & JS

Offertool

generation of offers as PDFs
rule based custom products
complex discount calculation

★★★★★ Docker, K8s

★★★★★ Linux

★★★★★ C/C++

★★★★★ Electronics

Driving license:

B, C1 (<7.5t)

Education

Software Engineering and Management

TU Graz

2001 – 2007

HTL Informatik

HTBLuVA BULME Graz Gösting

1995 – 2000

Configurator

complex physical simulation of up 1km long irrigation systems
auto finding the best nozzles, fittings, etc.



Geotool

Map based planning module for multiple irrigation systems

Pipe & wire planning, physical simulation

Dimensioning of pumps, transformers, etc.



Projects / Portfolio

Inode Backoffice & Webshop

(now UPC Austria)

2000 – 2007

Full internal Backoffice System, including Webshop inode.at

Custom Software, based on PHP 4

MySQL & Oracle DB

SOAP, Custom XML APIs

Plain old HTML & JS

APIs to RIPE, ICANN, nic.at, post.at

2004 – 2007 on-site @ inode GmbH office

Handing project over to internal devs/teams

on behalf of Datenkraft GmbH

2000 – 2004 @ Datenkraft GmbH

Project owner, main developer

Ocean Maps backend

2015 – 2018

PHP Based Admin/Backend for a 3D Ocean Map, diving helper software

datenbanken.at, Paragraph Software

2011 – 2011

implementation of external access to BRZ (Bundesrechenzentrum) API for “Firmenbuch”, “Grundbuch” queries, etc..

JPicUp

2000 – now

Java Applet for Image editing before uploading.

Pure 2000s Java

AVEQA	2010 – 2015
Cashback Platform with integrated garage sale community PHP, MySQL, REST API	
e.Com VR / 4connect	2015 – 2017
Java/Android Connector to VR-Home Unity App	
Photo Platform	2015 – now
Port of old fotorush.com platform to custom photographer websites	
First version with Koken.me, as this got abandoned, now io200 based	
Mindtake Survey Mindtake Love/Partner Mindtake Porn (never released)	2007 – 2010
Custom PHP solutions for different projects in political survey, love/partner finding (partnerzone.at) and porn.	
Vitalabo (now niceshops)	2004 – 2006
Custom PHP Solution for Datenkraft GmbH	
Dashboard & Notification Eologix	2022 – 2024
Vaadin 19, Spring Boot 3, Microservices	
AT Visions time tracking	2016 – 2019
<i>Internal time tracking software</i>	
PHP, Laravel, MySQL	
SmartStrategies	2015 – 2017
Small betting community (a legal one)	
PHP, MySQL	
Allround Tennis	2012 – 2017
Moved entire IT to the cloud	
MS Cloud (what would now be called azure, but was split up services then, like sharepoint)	
Netconomy	2010 – 2010
SAP Hybris Team, Interspar, Baumax, XXXLutz	