



PHILIPP JARDAS

Agile Full-Stack Software Engineer

PROFILE

I've been developing software with Java/Kotlin and JavaScript/TypeScript for the last 20 years. I'm passionate about software startups, eCommerce, agile methodologies, software quality, devops and scalability.

EDUCATION

I grew up in Lörrach and have studied Information Technology and Electrical Engineering in Zürich, where I graduated as a Bachelor of Science (ETH) with a grade of 5.11 out of 6.

TECHNOLOGIES

JavaScript (Node.js), TypeScript, Kotlin,
Java

Spring Framework: Boot, WebMVC,
Data, Integration, Security, Batch

HTTP, REST, GraphQL

WebSockets, socket.io, AMQP

React, Redux, Vue, Svelte, Progressive
Web Apps, Single Page Apps

MongoDB, Elasticsearch, SQL,
Firebase, Aerospike, Hadoop, HBase,
Spark, DynamoDB

EMPLOYMENT HISTORY

Lead Software Engineer at Nortal (formerly Schütze AG)

October 2018 – now in Hanau, Germany

Senior architect and lead developer in a cross-functional group of teams with approx. 60 people involved in the development of an administrative software for the Berlin administration.

I've founded the Rhein-Main office in Hanau and am currently recruiting a team of talented professionals.

Kotlin, Spring, React, GraphQL, Docker, Kubernetes, Microservices, Node.js, Electron

Lead Software Engineer at ChemSquare

June 2018 – August 2018 in Frankfurt, Germany

Lead developer in a start-up developing a **B2B marketplace for the sourcing of chemical ingredients**.

AWS AppSync, AWS Lambda, GraphQL, Gatsby, React, Algolia

Senior Software Consultant at PENTASYS

October 2017 – May 2018 in Frankfurt, Germany

Senior Front-End Developer for the booking and fulfillment platform of the biggest travel technology provider in Europe with more than 200k active users. Development of the internal central Angular framework for more than 100 developers.

Angular, TypeScript, Bootstrap

Senior Software Engineer at bd4travel

December 2014 – October 2017 in Frankfurt, Germany

Intelligent personalization for travel. Award winning start-up providing travel websites around the world with user behavior analytics, personalized recommenders, sorting algorithms and prediction tools.

AWS, Docker, Kubernetes,
Microservices, Serverless Computing

HOBBIES

I host the meetups Main-Kinzig-Nerds
and React Frankfurt & Rhein-Main.

I play Ultimate Frisbee with Eintracht
Frankfurt.

I'm a voluntary firefighter.

I am the conductor of the youth choir
in our local parish.

I have been playing the piano and the
bass in several bands from metal to
jazz.

LANGUAGES

German: native
English: fluently

PET PROJECTS

rescueTABLET

Mobile app for firefighters providing
tactical information, interactive maps,
hydrant register and other mission
critical information in real-time. The
app is available for Android and iOS
and as a progressive web app. In
operation with more than 300 fire
brigades all over Germany.
React, Ionic, Capacitor, PWA, AWS.

Tabidisco

A jukebox for kids powered by
Raspberry Pi.

Raspberry Pi, electronics, woodworks,
reactive server with WebSockets and RxJs,
front-end with React and Redux.

Serious Retrospective

Online tool for retrospectives with

Member of an agile development team with shared
responsibilities for all aspects of product development: feature
engineering, architecture, databases, backend and frontend
development, machine learning, QA, devops, scaling and
maintenance.

Java, JavaScript, node.js, ElasticSearch, Hadoop, HBase, Spark, RabbitMQ,
MongoDB, AngularJS, Swagger, Docker

Head of Development at yocondo

December 2013 – November 2014 in Düsseldorf and Gründau

Founding member of a start-up that created a **personalized
shopping assistant**.

Architect, software engineer, leader of a team of two
developers and interns, Scrum master.

node.js, CoffeeScript, RabbitMQ, ElasticSearch, WebSockets, MongoDB,
AngularJS, Java, Spring Batch, Spring Integration, Tomcat.

Deployment to the Cloud with Vagrant, Puppet, AppFog, Heroku, AWS and
Azure.

Senior Consultant at OPITZ Consulting Deutschland

June 2011 – June 2014 in Berlin and Bad Homburg, Germany

Consultant and software engineer for the central operations
software of TNT Innight GmbH based on Eclipse RCP with a
Spring backend.

Development of the operational software for Kombiverkehr
(logistics).

Member of the Competence Center Agile Development:
replicator for agile principles, organization of agile retreats und
coding dojos.

Spring, JPA, Hibernate, MyBatis, Oracle Database, Eclipse RCP, OSGi, Activiti,
BPMN, Maven, Git

Senior Software Engineer at Schütze Consulting

July 2009 – May 2011 in Berlin, Germany

Design, architecture and development of a administrative
software for the Berlin administration based on JavaEE.
Approx. 800 active users, scope approx. 8000 person days.

Consulting for the IT service center of Berlin.

JPA, TopLink, Hibernate, Oracle Database, PostgreSQL, Oracle AS, JBoss,
Spring, Spring Integration, Spring Batch, Spring WebFlow, Spring Security,
Eclipse, Maven, Ant, CVS, SVN

distributed teams.

Firebase, React, Redux, progressive web app.

drivr

Track your car expenses on your mobile phone.

Firebase, Vue, Vuex, progressive web app.

synchrotron

Synchronize music with devices, for Linux.

TypeScript.

swarm-traefik-demo

Demonstration of a cluster deployment with Docker Swarm Mode and Træfik.

Docker, obviously.

This is an excerpt of my side projects on GitHub.

Senior Software Engineer at]init[

October 2007 – June 2009 in Berlin, Germany

Concept and development of a SOA platform for G2C and G2G communications in Abu Dhabi. Single sign-on and identity management. Technologies:

Requirement analysis and technical project management for a social network and a classifieds portal for the German state department.

Technical consulting for the development of XMeld, the standardized XML format for the communication between German registry offices.

BEA WebLogic, BEA AquaLogic, BEA Portal, Spring, Beehive, EJB3, pring MVC, Hibernate, PostgreSQL, JBoss.

Software Engineer at Schütze Consulting

January 2004 – October 2007 in Berlin, Germany

Development of JavaEE-based web applications for the Berlin administration.

Responsible for build and release management, continuous integration and QA.

Struts, AJAX, Oracle Application Server, JBoss, Spring, EJB2, Oracle DB, Toplink, PostgreSQL, Hibernate, Jasper Reports.

Contact me at  philipp@jardas.de