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, AMQP

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

MongoDB, ElasticSearch, SQL, Firebase, DynamoDB

Employment History

Co-Founder, Lead Developer at rescueTABLET

November 2019 – now in Hanau

Real-time mobile mission support for fire brigades and emergency services. Concept, architecture and implementation of features in close collaboration with stakeholders and customers.

High-performance, offline-capable progressive web app for Android, iOS and desktop.

Open interface and highly available cloud-native software architecture with fully automated continuous delivery.

Node.js, React, TypeScript, REST, Microservices, AWS, cloud-native, Firebase

Head of Development at romeis Information Engineering

March 2023 – April 2024 in Gelnhausen

Technical leadership of a team of 12 software developers. Planning, architecture and execution of software projects for medium-sized companies and corporations.

Strategic positioning and further development of the company in the field of digitalization and industry 4.0.

Implementation of a standard architecture, unified procedures and accompanying software libraries.

Kotlin, Spring, React, TypeScript, REST, OAuth, Docker, Kubernetes, AWS, Azure

Principal Software Engineer at Qualifyze

July 2021 – February 2023 in Frankfurt

Leading an agile team of five developers in a fast-growing start-up. Concept, architecture and implementation of features in close collaboration with stakeholders and customers.

AWS, Docker, Kubernetes, Microservices, Serverless Computing

Establishment of a microservice-based cloud-native software architecture and fully automated continuous delivery.

Node.js, React, TypeScript, REST, Microservices, AWS, serverless, OAuth

Lead Software Engineer at Nortal AG

October 2018 – June 2021 in Hanau

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.

Founding of the Rhein-Main branch and building a professional and effective team.

Schütze AG was acquired by Nortal Group in 2020 and renamed to Nortal AG.

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

Lead Software Engineer at ChemSquare

June 2018 – August 2018 in Frankfurt

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

The company ran out of money and had to lay off the whole staff. The two founders later founded Qualifyze and hired me again as Principal Developer.

Node.js, GraphQL, Gatsby, React, AWS, serverless, Algolia

Senior Software Consultant at PENTASYS

October 2017 – May 2018 in Frankfurt

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 Consultant at bd4travel

December 2014 – October 2017 in Frankfurt

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.

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

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, Angular, Java, Spring, Vagrant, Puppet, AppFog, Heroku, AWS, Azure

Senior Consultant at OPITZ Consulting
June 2011 – November 2013 in Bad Homburg

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, Oracle Database, Eclipse RCP, OSGi, Activiti, BPMN

Senior Software Engineer at Schütze Consulting
July 2009 – May 2011 in Berlin

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.

JavaEE, Oracle Database, Oracle Application Server, JBoss, Spring

Senior Software Engineer at]init[AG
October 2007 – June 2009 in Berlin

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

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, JBoss

Senior Software Engineer at Schütze Consulting

January 2004 – October 2007 in Berlin

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

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

JavaEE, Oracle Database, Oracle Application Server, JBoss, Spring