



Dr. Florian Fittkau
(Senior Java Developer)

My Offer

- Years of experience as a Senior Java Developer in agile environments (Scrum, Kanban)
- Specialization in code quality and maintainability (Clean Code, TDD, Continuous Learning)
- Support of the project manager (creation of use cases, planning and controlling)
- Professional expertise in finance

Skills

Technologies	AWS, Microsoft Azure, Kubernetes, Terraform, Helm, Docker, Spring (Boot, Security, Data, Cloud, Web, WebFlux), React, vue.js, Webservices (SOAP, REST), Swagger/OpenAPI 3, Cucumber, Selenium, JUnit 5, Mockito, Testcontainers, Maven, Gradle, Hibernate, Liquibase, Datenbanken (Oracle, PostgreSQL, MS SQL), R2DBC, HTML5/CSS
Programming languages	Java 8 / 11 / 17 / 21, Kotlin, JavaScript
Tools	IntelliJ IDEA, Eclipse, GIT, Jenkins, Azure DevOps, GitHub Actions, GitLab, Bamboo, Bitbucket, Jira/Confluence
Development	Agile/Lean Software Development, Scrum, Kanban, Clean Code, TDD
General	Microservices, CI / CD, DevOps, Software Architecture, Project Management, Continuous Improvement (Kaizen), arc42
Finance	Payments, SWIFT MT, ISO20022, Target2/EBA, BiPRO, Payment Service Provider, Accounting

Selected Certificates

AWS Certified Solutions Architect – Associate

iSAQB[®] Certified Professional for Software Architecture FL

EXIN DevOps Professional

ISTQB[®] Certified Tester Advanced - Testmanager

SIG[®] QSD Quality Software Development Foundation (Java)

Projects

02/2024 – 03/2025

Senior Developer

Sector: Bank

Further development of a controlling/reporting to for the bank steering.

Technologies: Java, SQL, IntelliJ IDEA, Spring (Boot, Batch), JUnit, DB2, Maven, GIT, Bamboo, Jira/Confluence

01/2023 – 02/2024

Solution Architect with developer part

Sector: Automotive (Finance)

Further development of a financial Layer for billing of subscriptions and orders in addition to accounting.

Technologies: AWS, Kotlin, React, TypeScript, Amazon SQS/S3, Coroutines, IntelliJ IDEA, Spring (Boot, Data, WebFlux), JUnit, Testcontainers, Cucumber, Liquibase, PostgreSQL, Webservices (REST), R2DBC, OpenAPI 3, Gradle, GIT, Docker, Netty, GitHub Actions, Jira/Confluence, arc42

07/2022 – 03/2023

Senior Fullstack Developer

Sector: Health (Finance)

Further development of a documentation platform for quality assurance and billing purposes.

Technologies: Java 11 / 17, vue.js, TypeScript, HTML5/CSS, IntelliJ IDEA, Spring (Boot, Data, Web, Security), Lombok, JUnit, Testcontainers, Selenium, Flyway, Oracle DB, Kubernetes, Helm, Jib, Webservices (REST), RabbitMQ, Gradle, GIT, Docker, Gitea, Jenkins 2.0, Jira/Confluence, arc42

04/2021 – 06/2022

Solution Architect and Lead Software Developer

Sector: Automotive (Finance)

Further development of a financial Layer for billing of subscriptions and orders in addition to accounting.

Technologies: AWS, Kotlin, React, TypeScript, Amazon SQS/S3, Coroutines, IntelliJ IDEA, Spring (Boot, Data, Cloud, WebFlux), JUnit, Testcontainers, Cucumber, Liquibase, PostgreSQL, Webservices (REST), R2DBC, OpenAPI 3, Gradle, GIT, Docker, Netty, Bamboo, Bitbucket, Jira/Confluence

08/2020 – 03/2021

Backend Developer and DevOps Engineer

Sector: Health Insurance

Development of several backends for a health app on the basis of microservices and privacy/IT security aspects.

Technologies: Microservices, Microsoft Azure, Java 11, Kotlin, Terraform, Kubernetes, Helm, IntelliJ IDEA, Spring (Boot, Security, Data), JUnit 5, Cucumber, Hibernate, Liquibase, MS SQL Server, Webservices (REST, SOAP), OpenAPI 3, Gradle, GIT, Docker, Azure DevOps, Tomcat

06/2020 – 07/2020

Software Architect with developer part

Sector: Insurance Service Provider

Initial design and development of a Spring-based architecture for exchanging documents as a BiPRO webservice.

Technologies: Java 11, Eclipse, Spring (Boot, Security), JUnit 5, Mockito, Liquibase, RestDocs, MS SQL Server, Webservices (SOAP und REST), Maven, GIT, Docker, Tomcat

01/2020 – 06/2020

Senior Software Engineer

Sector: Banking Service Provider

Further development of a payments platform with responsibility for the adaptation of the new ISO20022 format (MX migration).

Technologies: Java 8, IntelliJ IDEA, Spring, Selenium, Cucumber, Kanban, JMS (MQ), JUnit, Mockito, Oracle DB, Webservices (REST), JSON, ZKOSS, Maven, GIT, TDD, CI/CD (GitLab CI), Docker, Kubernetes, GitLab, Jira/Confluence

01/2018 – 12/2019

Subproject Manager with developer part

Sector: Banking Service Provider

Further development of a payments platform with responsibility for the team "Foreign Payments". Professional lead of up to 14 employees. Creation of use case in the field foreign payments in coordination with the product manager and customers. Implementation of the agile approach Kanban using a physical board.

Technologies: Kanban, Java 8, IntelliJ IDEA, Spring, Selenium, Cucumber, JMS (MQ), JUnit, Mockito, Maven, Oracle DB, Webservices (REST), JSON, ZKOSS, GIT, CI/CD (Jenkins 2.0), Use Cases, TDD, Docker, GitLab, Jira/Confluence

03/2016 – 12/2017

Software Architect with developer part

Sector: Banking Service Provider

Building of a new payment platform with architectural responsibility of the graphical user interface. Responsible for the conception of modules and controlling of the architectural conformance.

Technologies: Java 8, Eclipse, Spring, Selenium, Scrum, JMS (MQ), JUnit, Mockito, Oracle DB, Webservices (REST), Maven, TDD, HTML5/CSS, JavaScript, JSON, ZKOSS, GIT, CI/CD (Jenkins 2.0), Docker, GitLab, Jira/Confluence

10/2015 – 02/2016

Software Engineer

Sector: Banking Service Provider

Further development of a client server application for electronic receipt and manual capture of payments and their further transfer as a web-based portal for large companies.

Technologies: Java, Eclipse, Spring, EJB, Hibernate, JUnit, Mockito, Oracle DB, Webservices (SOAP), XML, WSDL, Ant, HTML5/CSS, ZKOSS, SVN, Continuous Integration (Jenkins)

04/2012 – 09/2015

Web- and Software Developer

Sector: Science

Development of a scalable platform for visualizing monitoring data in large software landscapes in the browser (<https://www.explorviz.net/features.php>).

Technologies: Java/Xtend, Eclipse, GWT, JavaScript, WebGL, jQuery, Ant, H2, HTML5/CSS, AWS, OpenStack, GIT, GitLab, Jenkins

05/2012 - 11/2013

Web- and Software Developer

Sector: Energy and Supply

Development of different web-based cockpits and dashboards for visualizing KPIs.

Technologies: Java/Groovy, Eclipse, Grails, Gradle, Spring, HTML5/CSS, JavaScript, MVC, GORM, JUnit, PostgreSQL, Tomcat, GIT, Jira/Confluence, Jenkins

Education

09/2016 – 11/2017

Distance-Learning University Hagen

Sideline distance study of Business Administration

Degree: *Certified Financial Specialist (IWW) (grade: 1.4)*

04/2012 – 09/2015

Kiel University

Research Assistance and Doctoral Candidate
at the chair *Software Engineering* of Prof. Dr. Hasselbring
Degree: *Dr.-Ing. (grade: magna cum laude)*
Title of the thesis: *Live Trace Visualization for System and
Program Comprehension in Large Software Landscapes*

04/2010 – 03/2012

Kiel University

Computer Science
Degree: *Master of Science (grade: 1.0)*
Master program: *Software Systems Engineering*

04/2007 – 03/2010

Kiel University

Computer Science
Degree: *Bachelor of Science (grade: 1.3)*