

ALTER SOLUTIONS DEUTSCHLAND

Skills profile

Profile 7582

Advanced Consultant Software Engineering

Java Software Developer

Management Summary

- 3+ years of experience in developing Java applications
- Very good knowledge of Java development and Spring and SpringBoot frameworks
- Very good knowledge of C# and JavaScript
- Extensive knowledge of software testing, especially using frameworks such as Cucumber, JUnit and SonaQube
- Responsibility for design, specification, implementation, documentation and maintenance in his projects
- Sound know-how in safe software architecture and implementation of security-relevant features
- Experienced in constructing CI&CD pipelines and using monitoring tools like Grafana and Prometheus
- Experienced in Agile Project Management with Scrum and Kanban
- Industry knowledge: Banking, Construction Materials, Marketing (eCommerce)

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Personal data

Professional experience	3+ years
Industry knowledge	Banking, Construction Materials, Marketing (eCommerce)
Availability	07/2023 or availability by arrangement

Education

09/2020 - 07/2023	B.Sc. Software Engineering Development of distributed applications, Requirements Engineering, Project in Software Development, Application Systems, Computer Graphics, Advanced Databases, Hardware-related Programming
09/2017 - 07/2020	Web Programming

Trainings & certifications

11/2021	Workshop Agile Project Management
10/2019 - 07/2020	Java Core and Web Development Course Certification
10/2019	Workshop Agile Programming with SCRUM Certification

Language knowledge

English	Very good knowledge
German	Very good knowledge

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Methods, Technologies and Tools

Methods	Agile Project Management, Scrum, Kanban, Requirements Engineering, Behavior Driven Development (BDD)
Technologies	Development of Distributed Systems, Distributed Tracing, Testing, DBMS, CI/CD
Tools	<p>Programming languages: Java, C#, PHP, JavaScript, HTML, CSS, SQL</p> <p>Libraries: Hibernate, Entity Framework, Liquibase, JSP, jQuery, ReductoolKit, Material UI, Thymeleaf, Maven, Bootstrap</p> <p>Frameworks: Spring, Springboot, Laravel, ReactJS, ASP.NET, Cucumber, JUnit 5</p> <p>Other: Docker, Kubernetes, Openshift, Helm, Gradle, Grafana, Prometheus, JUnit, TestContainers, Postgresql, MySQL, JIRA, Git, Gitlab, Tomcat, Swagger, SonarQube, Cloudflare, Azure DevOps, Microsoft SQL Server</p>
Other	

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Skills profile

Project experience

Software Developer - Java

Period	06/2022 – 06/2023
Industry	Banking
Client	flatexDegiro (online broker)
Project scope	“SMS-Gatekeeper”, development of security features
Tasks	<ul style="list-style-type: none">➤ Responsible for the development of a comprehensive software architecture based on a Java stack, to improve security while reducing redundancy when using the SMS pin➤ Secure mediation between the main applications and the message broker to reduce the risk of cyber attacks by developing a web application with multiple scenario checks➤ Integration of metric dashboards with Grafana and Prometheus to distinguish attacks from different mobile operators across Europe➤ Integrated API call assessment and attack discrimination, resulting in superior security and proactive threat response➤ Performing comprehensive and efficient testing that results in fewer errors and better software quality using BDD and testing frameworks such as Cucumber and JUnit5➤ setup of a CI/CD pipeline with GitLab➤ Development according to agile project management (Kanban)
Technologies/Tools	Java, SpringBoot, Docker, Openshift, Helm, CI/CD, Kubernetes, SonarQube, Git, Gitlab, Grafana, Prometheus, Ansible, Cucumber, TestContainers

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Software Engineer – C# Developer

Period	08/2021 – 05/2022
Industry	Construction Materials
Client	HAFATreppen
Project scope	HAFa-Web, eCommerce
Tasks	<ul style="list-style-type: none">➤ Improve web services performance by 200% and increase efficiency and user satisfaction by redesigning and developing internal applications using the .NET framework➤ Ensure application stability, reduce downtime, and improve user experience by fixing bugs and maintaining written code and refactoring previous code➤ Efficient implementation of technical and design requirements➤ Redesign of the database structure
Technologies/Tools	C#, .NET, Entity Framework Core, Microsoft SQL Server, Azure DevOps

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Software Engineer – Java Developer

Period	11/2020 – 07/2021
Industry	Software Development
Client	Good Solutions Group (Marketing agency)
Project scope	TheBrands, eCommerce
Tasks	<ul style="list-style-type: none">➤ Website creation and implementation of design templates and functionality➤ Perform final security testing and customization of HTML/CSS templates➤ Setting up the database structure➤ Design of the business logic➤ Managing website operations: setting up development tools, infrastructure, installing and configuring software and hardware, and troubleshooting problems
Technologies/Tools	Java, Spring Boot, Gradle, SonarQube, Git, Gitlab, DigitalOcean, Postgresql

Scientific Assistant

Period	11/2020 - 07/2021
Industry	University
Client	University of Applied Sciences Zwickau
Project scope	INAI-Web, Website
Tasks	<ul style="list-style-type: none">• Creation of a website with attractive design and functionality• Manage website operations by setting up development tools and infrastructure• Troubleshooting to ensure smooth functionality
Technologies/ Methods/Tools	PHP, Laravel, PhpMyAdmin, MySQL