Freelance Software Engineer

Iyad Al-Sahwi

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City	Berlin
Date of Birth	August 29th 1986
Citizenship	German, since 1991 in Germany

Work experience

09/2023 - 02/2024 Freelance Software Engineer for selected customer - health sector

Extend Backend for new Feature: Rest API endpoint, Logic in Service, Testing with Junit
Improving CI/CD Pipeline and Docker image size, setup developer environment, Caching for performance

Java 17, Spring Boot 3, Kotlin, AWS, Bash, Docker, Kubernetes, Maven, Gitlab, Postgresql, Redis

08/2022 - 06/2023 Freelance Java Backend Entwickler at MHP GmbH for Porsche AG

Kafka event stream using AWS Lambda, Spring Boot Secret rotation during runtime, Circuit Breaker and Retry Handler for 3-party APIs + error handling, Update microservice to Java 17, Fix Docker image based on Alpine, DynamoDb local tests with Testcontainers

Kotlin, Java, Spring Boot 2, TypeScript, Nest.js, Kafka, Terraform, AWS, Docker, Maven, DynamoDb

12/2021 - 02/2022 Freelance Backend Developer at SD&C GmbH

Improved software to follow 3-layered architecture & Refactoring for cleaner code, Implement feature: Editable Email system to notify about the status of the credit lending

Java, Spring Boot, Docker, MSSQL, Camunda, IBM MQ, Liquibase

01/2021 - 11/2021 Sabbatical & start of self-employment

01/2019 - 12/2020 Backend Engineer at Signavio GmbH

Feature development, maintenance and bug fixing in Java
Performance improvements for Signavio dictionary, Update web application from Java 8 to Java 11, Application startup check for database type, Deployment of Signavio Process Manager (Dockerized), CI-Migration from Jenkins to CircleCi
Started basic use of Kubernetes and AWS

09/2016 - 01/2019	**Automation Engineer at Signavio GmbH**
	Automation of development tasks for 3 engineering teams using Java, Kotlin, Groovy and Gradle as well as Docker, Docker Swarm, Gitlab and Jenkins *Developer tasks:* Custom Java client library, UI and API test framework in Kotlin, Groovy scripts for job generation, Gradle build and release scripts *DevOps tasks:* Containerization with Docker, Orchestration with Docker-Compose, automated website deploy and tool updates
08/2014 – 08/2016	**QA Automation Engineer (Backend) at idealo internet GmbH**
	Develop complex End-2-End test setup as well as full backend regression tests, automated functional and non-functional tests on Rest API layer in Java and Node.js, BDD with Cucumber
07/2012 – 09/2012	Internship in Brazil as software engineer at Research lab LINCE, "Universidade Federal de São Carlos" Development of a web application for multimedia-based content with Grails (Java and Groovy), HTML, CSS and JavaScript
09/2010 – 01/2011	Internship as software developer at hmmh multimediahaus AG software quality in Java projects, continuous integration with Hudson, quality measurement with SonarQube as well as Frontend development with Flash (AS3)

Skills

Language/Runtime	Java, Kotlin, TypeScript, JavaScript, Bash, Groovy
Frameworks/Libraries	Spring Boot, Kafka, Hibernate, RestEasy, Guice, Node.js, Nest.js
Database	MongoDB, MySql, MsSql and DynamoDB
Method	Agile development: Scrum and Kanban
Environment	Linux Ubuntu/Mint/Debian, AWS, IntelliJ, Github, Gitlab, Android
DevOps	Docker, Terraform, Jenkins, AWS Codebuild, Ansible, Kubernetes
Languages	German - native, English - fluent, Arabic - moderate

Education

10/2011 - 06/2014	Master student „International studies media informatics" Master of Science, Hochschule für Technik und Wirtschaft Berlin Web development and Mobile (Java, Android, Groovy/Grails, JavaScript, Node.js), Algorithms and image processing in Java

09/2007 – 06/2011	Bachelor student „International studies media informatics" Bachelor of Science, Hochschule Bremen Focus on Software and web development (computer science 80%) Understanding of UI & UX (Design 20%)
08/2003 – 07/2005	„Technical assistant for IT", two years of professional school Apprenticeship, Eugen-Reintjes-Schule, Hameln