

Sebastian Hauss

Associate Application Developer · IBM Client Innovation Center Austria

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PROFILE

Software developer with hands-on experience building backend and full-stack applications in enterprise environments. Core strengths in Java, Spring Boot, Angular, and TypeScript, as well as test automation and CI/CD integration. Practical experience gained through an extensive internship and subsequent full-time employment at IBM Client Innovation Center Austria. Strong interest in backend and full-stack development and modern software architecture.

WORK EXPERIENCE

Associate Application Developer IBM Client Innovation Center Austria, Vienna 04/2026 – present

Backend development and quality assurance in an enterprise environment.

- Development and maintenance of backend services using Java and Spring Boot (REST APIs, database-backed services)
- Test automation with Selenium and TestNG, including integration into CI/CD pipelines (Jenkins, OpenShift)
- Development of an internal REST service with automated database queries across PostgreSQL and IBM DB2
- Mapping mechanism for bidirectional translation of SQL queries between different database systems
- Quality assurance via unit tests with JUnit and Mockito; collaboration in agile Scrum teams

Internship – Application Development IBM Client Innovation Center Austria, Vienna 05/2025 – 02/2026

Practice-oriented software development internship as part of the WAFF/Jobs PLUS programme (Mon–Thu on-site, Fri at university).

- Full-stack development with Java/Spring Boot (backend) and Angular/TypeScript (frontend) incl. IBM Carbon Design System
- Development and documentation of REST APIs and integration of frontend and backend
- Implementation of runtime internationalisation (i18n) for dynamic language switching
- Automated end-to-end testing with Selenium and support of CI/CD processes with OpenShift
- Collaboration in agile Scrum teams on real customer projects

EDUCATION

Junior Software Developer – Jobs PLUS Programme (35 ECTS) 03/2025 – 03/2026

Technikum Wien Academy / WAFF in cooperation with IBM

- Focus areas: Java programming, backend & frontend development, data management (Oracle, PostgreSQL), software architecture, agile methods, software testing, IT infrastructure

Bachelor's in Computer Science TU Wien 10/2023 – 02/2024

Bachelor's in Philosophy (approx. 50% completed, no degree) University of Vienna 10/2019 – 11/2023

Matura – European Business Track BHAK St. Pölten 09/2014 – 07/2019

Focus areas: International business, foreign languages

SELECTED SOFTWARE PROJECTS

Video Processing REST API

REST API for video processing using Spring Boot, asynchronous FFmpeg transcoding pipelines, Docker, and MinIO object storage.

Technologies: Java, Spring Boot, Docker, FFmpeg, MinIO

SheCounts – Full-Stack Application

Web application with a Java/Spring Boot REST API, Angular frontend, and MySQL database including Docker deployment.

Technologies: Java, Spring Boot, Angular, SQL, Docker

Interval Running Android App

Native Android application for interval training.

Technologies: Kotlin, Android Studio

Tini Bewegt – Client Website

Responsive website for a Viennese personal trainer.

Technologies: Vite, Tailwind CSS, JavaScript, PHP

TECHNICAL SKILLS

Languages	Java, TypeScript, JavaScript, Kotlin, Go, C#, SQL
Backend	Spring Boot, REST APIs, JPA/Hibernate, MapStruct, Lombok, Maven, Gradle, Node.js
Frontend	Angular, Next.js, React, HTML5, CSS3, Tailwind CSS
Testing & QA	Selenium, TestNG, JUnit, Mockito
DevOps & Cloud	Docker, Jenkins, OpenShift, Kubernetes, AWS, Azure, Google Cloud, CI/CD
Databases	PostgreSQL, MySQL, IBM DB2, Oracle
Tools	Git, IntelliJ IDEA, VS Code, Android Studio, MinIO, Unity

LANGUAGES & CERTIFICATES

German: Native | **English:** Fluent (Cambridge B2 First)

Certificates:

- Java Programming I & II – University of Helsinki
- Selenium WebDriver: Automation Testing with Java – 2025
- XPath Locators for Selenium – 2025
- Role-based Cybersecurity Training (SPbD) 2025–2026
- DigComp AT – fit4internet