

Akram Sahbi

Senior Senior Full Stack Java developer | Software Engineer

SUMMARY

- Senior Full Stack Software Engineer with 8+ years in Java, Spring Boot, Angular, and microservices architecture.
- Proficient in cloud-native technologies including Docker, Kubernetes, Apache Kafka, and Keycloak for secure SSO applications.
- Experienced Scrum Master leading cross-functional teams in agile environments across Germany, France, and Tunisia.
- Strong background in database design and management with PostgreSQL, MySQL, and MongoDB.
- Contributed to distributed systems, real-time platforms, and open-source projects using Java 17, Lua, and modern frontend frameworks.

TECHNICAL SKILLS

Main Technical Skills	Java (7 yr.), Angular (5 yr.), Spring Boot (4 yr.)
Programming Languages	C#, Java (7 yr.), JavaScript (2 yr.), Lua (4 yr.), Python (2 yr.), Scala (2 yr.)
JavaScript Frameworks	Angular (5 yr.), AngularJS (3 yr.), Express (2 yr.), GWT (3 yr.), Node.js (2 yr.)
JavaScript Libraries and Tools	Ethers.js (4 yr.), RxJs (3 yr.)
Java Frameworks	GWT (3 yr.), Spring, Spring Boot (4 yr.)
Java Libraries and Tools	Java EE (3 yr.), JavaFX, Spring Cloud
Security	AWS Security Groups (4 yr.), OPA (4 yr.)
Databases & Management Systems / ORM	Elasticsearch (3 yr.), MongoDB (3 yr.), MySQL (5 yr.), PostgreSQL (4 yr.), SQLite
UI Frameworks, Libraries, and Browsers	Bootstrap 3 (2 yr.), CSS3 (2 yr.), HTML5 (2 yr.)
Cloud Platforms, Services & Computing	Spring Cloud
Amazon Web Services	AWS API Gateway (4 yr.), AWS Security Groups (4 yr.)
Web/App Servers, Middleware	Apache Kafka (4 yr.)
	Apache NetBeans

Third Party Tools / IDEs / SDK / Services	
SDK / API and Integrations	AWS API Gateway (4 yr.), Keycloak (4 yr.), OIDC (4 yr.), Zuul
Virtualization, Containers and Orchestration	Docker (4 yr.), Kubernetes (4 yr.)
Blockchain and Decentralized Software	Ethers.js (4 yr.)
Mail / Network Protocols / Data transfer	FortiGate
Version Control	Git (3 yr.)
QA, Test Automation, Security	Jasmine (3 yr.), JUnit (3 yr.), Karma (3 yr.), Mockito (3 yr.)
Operating Systems	Linux (2 yr.)
Methodologies, Paradigms and Patterns	microservices (4 yr.), Scrum (2 yr.)
Platforms	Odoo (2 yr.)
Other Technical Skills	Eureka, Java 17 (4 yr.)

WORK EXPERIENCE

Senior Full Stack Java developer | Software Engineer (Java | Angular | Lua) - Scheidt & Bachmann (Cloud Native SSO Application Maintenance and Enhancement)

Duration: June 2022 - Present

Summary:

- Maintenance and enhancement of a cloud-native Single Sign-On (SSO) application using modern microservices architecture
- The project aims to provide secure and scalable authentication and authorization services for enterprise clients

Responsibilities:

- Developing and maintaining backend and frontend components of the SSO application.
- Implementing microservices and ensuring secure communication using Keycloak, OIDC, and Kong Gateway.
- Managing containerized deployments with Docker and Kubernetes.
- Collaborating with cross-functional teams to enhance system features and performance.

Technologies: Java 17, Angular, Spencer.js, Microservices, PostgreSQL, Docker, Kubernetes, Apache Kafka, Keycloak, OPA, Spring Boot, Spring Security, Spring Data, OIDC, Kong Gateway, Lua



Scrum Master - Scheidt & Bachmann (Agile Team Management at Scheidt & Bachmann)

Duration: August 2022 - May 2025

Summary:

- Leading an agile development team to deliver high-quality software solutions
- The role involves facilitating Scrum ceremonies and ensuring effective collaboration among team members

Responsibilities:

- Managing a team of 6 developers, 1 QA engineer, and 1 DevOps engineer.
- Facilitating agile processes and removing impediments to ensure timely delivery.
- Coordinating between stakeholders and development teams to align project goals.

Full Stack Software Engineer (Java | Angular) - LittleBIG Connection (LittleBig Connection Platform Evolution and Enhancement)

Duration: September 2019 - June 2022

Summary:

- Development and enhancement of the LittleBig Connection platform, a solution designed to facilitate business connections and networking
- The project focused on improving platform features and performance

Responsibilities:

- Developing backend services and frontend interfaces to enhance platform functionality.
- Implementing new features and optimizing existing ones using Java and Angular.
- Writing unit and integration tests to ensure code quality.

Technologies: MySQL, MongoDB, Java 8, JUnit, Mockito, Java EE, Elastic Search, GWT, Angular 11, RxJs, Jasmine, Karma, FTL, Git

Substitute Tech Lead - LittleBIG Connection (LittleBig Connection Platform)

Duration: September 2021 - October 2021

Summary: Temporary technical leadership role overseeing development activities on the LittleBig Connection platform to ensure project continuity and quality.

Responsibilities:

- Leading the development team during the tech lead's absence.
- Coordinating development tasks and code reviews.
- Ensuring adherence to technical standards and project timelines.

Technologies: MySQL, MongoDB, Java 8, JUnit, Mockito, Java EE, Elastic Search, GWT, Angular 11, RxJs, Jasmine, Karma, FTL, Git



Full Stack Engineer - Netcenter Consulting Services (Waiting Queue Management System, SMS Ads on Dynamic Screens, and Odoo Point of Sale Module Development)

Duration: August 2017 - September 2019

Summary: Development of multiple projects including a waiting queue management system, SMS advertising on dynamic screens, and enhancements to the Odoo point of sale module, aimed at improving client business operations.

Responsibilities:

- Designing and implementing full stack solutions for queue management and advertising systems.
- Developing and customizing Odoo modules to meet client requirements.
- Maintaining and optimizing databases and backend services.

Technologies: MySQL, ExpressJS, AngularJS, NodeJS, Linux (Ubuntu), SMS tools, Python, Scala Designer, Scala Content Manager, HTML5, Bootstrap3, CSS3, JavaScript, Odoo v12, Python, JavaScript

Freelance Java/JEE/Spring & Angular 7 developer (DAAF Loan Request Management Application)

Duration: May 2019 - June 2019

Summary: Development of a loan request management application using Angular 7 and Spring Boot with microservices architecture to streamline loan processing.

Responsibilities:

- Developing frontend and backend components of the loan management system.
- Implementing microservices with Spring Cloud and securing the application with Spring Security.
- Configuring service discovery and API gateway using Eureka and Zuul.

Technologies: Angular 7, Spring Boot, Spring Cloud, Spring Security, Microservices, MySQL, Eureka, Zuul

Freelance Java Developer (Location Voiture Car Renting Management Application)

Duration: June 2017 - July 2017

Summary: Development of a desktop application to manage car renting processes, facilitating rental operations and client management.

Responsibilities:

- Designing and implementing the application using JavaFX.
- Managing database interactions and user interface components.

Technologies: JavaFX, MySQL

Freelance Android Developer (SOPRA Voice Contact Management Android Application)

Duration: November 2016 - December 2016



Summary: Development of an Android application enabling users to manage contacts using voice commands, enhancing accessibility and user experience.

Responsibilities:

- Developing Android application features for voice-based contact management.
- Implementing local data storage using SQLite.

Technologies: Java, Android, SQLite

Information Security Engineer - League of Arab States (Infrastructure Security Configuration and Audit Support)

Duration: October 2016 - December 2016

Summary: Configuration of Next Generation Firewall and support for a full-scale security audit to enhance the organization's network security posture.

Responsibilities:

- Configuring FortiGate A300 firewall including Site to Site VPN, port forwarding, and port rules.
- Assisting external penetration testing company during security audit.

Technologies: FortiGate A300 Firewall, VPN, Network Security

Java Developer - Ecole Supérieure Privée d'Ingénierie et de Technologies - ESPRIT (Arezzo Designer Graphical Editor Rich Application)

Duration: February 2016 - September 2016

Summary: Development of an open source graphical editor application for designing industrial networks for the Arezzo emulator, as part of a collaborative research project between French and Tunisian research teams.

Responsibilities:

- Designing and implementing the graphical editor using Java and Netbeans Platform.
- Collaborating with research teams to meet project requirements.

Technologies: Java, Netbeans Platform

Java Javaee Developer - Freelance (SMILE Web Application for Fund Transfer Management)

Duration: July 2015 - September 2015

Summary: Development of SMILE, a web application to manage fund transfers for the National Bank of Agriculture, aimed at improving financial transaction processes.

Responsibilities:

- Developing backend and frontend components using Java EE and Spring framework.
- Implementing database interactions and user interfaces.

Technologies: Java EE, Spring, HTML5, CSS3, MySQL



Dotnet Developer - Freelance (SON Desktop Application for Mobile Telecommunication Network Optimization)

Duration: June 2015 - August 2015

Summary: Development of a desktop application to optimize mobile telecommunication networks for Tunisie Telecom, improving network performance and management.

Responsibilities:

- Designing and implementing application features using C# and XML.
- Collaborating with stakeholders to meet optimization requirements.

Technologies: C#, XML

EDUCATION

- **Ecole Supérieure Privée d'Ingénierie et de Technologies - ESPRIT**
Engineer's Degree, Computer Software Engineering
2010 - 2016

CERTIFICATION

- **Building Multi-step Applications with AWS Step Functions**
- **Scrum Master Fundamentals - Becoming a Great Scrum Master**
- **Introduction to Python**
- **RxJs in practice**
- **Intermediate Python**

