

DAAGI Saber

Senior Java Developer



Technical Skills

- Java 21, Spring, Spring boot, Apache Camel, OSGI Karaf, Hibernate, Liquibase
- JUnit 5/Mockito, Cypress
- SQL, PL/SQL, PostgreSQL, MSSQL, MongoDB, Elasticsearch, Neo4j, HazelCast
- Angular 19, Vue js 3
- Postman, JMeter, SoapUI
- REST/SOAP Api, JMS, MQTT, DLMS, TCP/UDP
- Git, Gitlab, Bitbucket, Azure devops
- Docker, Kubernetes
- Erlang, Python
- TDD, BDD, DDD

Professional Qualities:

- Adaptable
- Innovative
- Strong Work Ethic
- Leadership Skills
- Multicultural Awareness

Professional Experiences

Company: BUSI

Client: SPF Economy – (09/2024)

Project name: Company Service provider

Role: Senior Java Developer

- Managed the "Company Service Provider" project, developing and maintaining a back-office application for SPF managers to evaluate and validate companies seeking authorization to provide consulting services. Additionally, led the design and implementation of a front-office system, offering companies a straightforward platform to submit applications for consulting activity approval.
 - Analyzed and resolved application bugs, enhancing system stability and performance.
 - Assisted in client meetings to gather and understand requirements, ensuring alignment with client needs.
 - Designed and implemented new features to improve functionality and user experience.
 - Led the migration of the application to Angular 18, optimizing performance and maintaining up-to-date technology standards.
 - Ensured seamless integration and interoperability with partners, enhancing collaborative capabilities across systems.

Technical Environment: Methodology: DDD. **Frontend:** Angular 18. **Backend:** Java 17, Spring Boot. **Database Management:** Liquibase. **Testing:** JUnit 5, Mockito, WireMock. **Code Quality:** SonarQube. **Database:** DB2. **Data Transmission:** REST, SOAP. **Integration and Testing Servers:** GitLab. **Documentation:** Confluence. **Ticket Management:** Jira. **IDE:** IntelliJ IDEA.

Company: BUSI

Client: SPF Economy – (01/2024 - 08/2024)

Project name: Soctel Telecom

Role: Senior Java Developer

- Maintaining the 'Soctar Telecom' project involved overseeing the back-office application (provider-facing) system, facilitating telecom providers in managing citizen contracts, subscriptions, and related operations. Additionally, designing and implementing the front-office (citizen-facing) system enabled citizens to conveniently assess their eligibility for contract requests and access pertinent information.
 - Diagnosed and fixed application bugs, improving overall system reliability and

- efficiency.
- Participated in client meetings to capture requirements, ensuring solutions aligned with client expectations.
- Created and deployed new features to elevate functionality and optimize user experience.
- Directed the upgrade to Angular 15, enhancing performance and staying current with technology advancements.
- Facilitated smooth integration with partner systems, boosting collaborative effectiveness and connectivity.
- Integrated OAuth2 authentication for robust security measures, ensuring secure access and user management across the application.
- Implemented Grafana for monitoring application performance and visualizing key metrics, enhancing operational insights and proactive issue resolution.

Technical Environment: Methodology: DDD. Frontend: Angular 15. Backend: Java 17, Spring Boot. Database Management: Liquibase. Testing: JUnit 5, Mockito, WireMock. Code Quality: SonarQube. Cache: Ehcache. Database: DB2. Data Transmission: REST, SOAP. Integration and Testing Servers: GitLab. Documentation: Confluence. Ticket Management: Jira. IDE: IntelliJ IDEA.

Company: BUSI

Client: Viapass – (10/2023 - 12/2023)

Project name: Viapass

Role: Senior Java Developer

- Maintaining the 'Viapass' project for seamless and efficient road usage charge administration and traffic management.
 - Analyzed and corrected bugs to improve overall system reliability and performance.
 - Innovated and implemented novel features within specialized software modules.
 - Optimized the application by refactoring critical components.
 - Adjusted the thread pool configuration and enhanced asynchronous processes to improve performance and align with evolving project requirements.

Technical Environment: Methodology: TDD. Backend: Java 11, Spring Boot, Apache Camel. Testing: JUnit 5, Mockito. Code Quality: SonarQube. Broker: RabbitMQ. Messaging Systems: JMS. Database: PostgreSQL. Integration and Testing Servers: Azure DevOps. Documentation: Azure Wiki (Azure DevOps), Confluence. Ticket Management: Jira. IDE: IntelliJ IDEA.

Company: BUSI

Client: Brussels environment – (09/2023 - 10/2023)

Project name: Phyllo

Role: Senior Java Developer

- Maintaining the 'Phyllo' project for PV management for forest rangers.
 - Analyzed and corrected bugs to enhance system stability.
 - Participated in the integration with partners using SOAP to ensure seamless communication with external systems, thereby enhancing inter-company collaboration.
 - Engineered and developed custom software modules precisely aligned with project requirements.
 - Managed the project by coordinating tasks and ensuring timely delivery of milestones, aligning with overall objectives.

Technical Environment: Methodology: TDD. **Backend:** Java 17, Spring Boot. **Database Management:** Liquibase. **Frontend:** Angular 15, NgRx 15. **Testing:** JUnit 5, Mockito. **Containerization:** Docker. **Code Quality:** SonarQube. **Database:** PostgreSQL. **Integration and Testing Servers:** Azure DevOps. **Data Transmission:** REST, SOAP. **Documentation:** Azure Wiki (Azure DevOps). **Ticket Management:** Jira. **IDE:** IntelliJ IDEA.

Company: BUSI

Client: Smals – (02/2023 - 09/2023)

Project name: Refact

Role: Senior Java Developer

- Designed and developed the back-office system empowering users to create, manage, and automate billing rules using Drools, revolutionizing the client billing workflow.
 - Participated in functional meetings to understand client needs and specifications.
 - Successfully integrated the Drools rules engine to translate user-defined billing rules into executable code, allowing clients to customize their billing logic efficiently.
 - Optimized the application for high-performance data processing, enabling quick and accurate billing calculations, even with large volumes of client data.
 - Managed the project, including creating technical and functional tickets and monitoring project progress.

Technical Environment: Methodology: TDD. **Backend:** Java 17, Spring Boot. **Frontend:** Angular 15, NgRx 15. **Testing:** JUnit 5, Mockito, Cucumber, Cypress. **Containerization:** K8s, Docker. **Code Quality:** SonarQube. **Database:** Elasticsearch. **Integration and Testing Servers:** Azure DevOps. **Data Transmission:** REST. **Documentation:** Azure Wiki (Azure DevOps). **Ticket Management:** Jira. **IDE:** IntelliJ IDEA.

Company: NAUTILUS
Client: Bnp Paribas – (12/2021 – 02/2023)
Project name: Centric (Centric-core)
Role: Senior Java Developer

- Maintained the "Centric" project for managing internal applications with BNP Paribas clients/employees and other subsidiaries like BNP Algeria, Morocco, and Senegal.
 - Analyzed and resolved critical bugs, significantly improving system stability and user experience.
 - Addressed security and compliance issues by analyzing and remediating vulnerabilities identified in NexusIQ and Fortify reports, strengthening the overall security posture.
 - Contributed to modernizing the application by migrating legacy HttpInvoker methods to REST APIs, increasing scalability and alignment with current web standards.Played a key role in the migration from WebSphere to Apache Tomcat, optimizing server performance, reducing costs, and facilitating a more agile deployment environment.

Technical Environment: Methodology: BDD. **Backend:** Java 8, Spring Boot. **Database Management:** Liquibase. **Frontend:** Angular 12, Java Wicket. **Testing:** JUnit, Mockito, Cucumber, Cypress. **Containerization:** Kubernetes (K8s), Docker. **Code Quality:** SonarQube, NexusIQ, Fortify. **Database:** Oracle. **Cache:** Ehcache. **Integration and Testing Servers:** Jenkins, Bitbucket. **Data Transmission:** REST. **Documentation:** Confluence. **Ticket Management:** Jira. **IDE:** IntelliJ.

Company: Orange France – (12/2020 – 12/2021)
Project name: MyShop (Editor)
Role: Senior Java Developer

- Maintained the "Editor" project to manage and animate the Orange France and Sosh platforms.
 - Delivered ongoing support and implemented bug fixes to ensure optimal performance and a seamless user experience.
 - Adapted the platform to meet evolving legislative requirements and user preferences by developing new screens and functionalities, enhancing user engagement and compliance.

Technical Environment: Methodology: BDD. **Backend:** Java 8, Spring Boot. **Frontend:** Vue.js. **Testing:** JUnit, Mockito, Cucumber, Cypress. **Database:** MongoDB. **Integration and Testing Servers:** GitLab. **Data Transmission:** REST. **Documentation:** Confluence. **Ticket Management:** Jira. **IDE:** IntelliJ.

Company: SagemCom – (01/2018– 12/2020)

Project name: SICONIA (VSDC)

Role: Confirmed Java Developer

- Maintained the "VSDC" module, a crucial front-end component within the "Siconia" solution, responsible for managing and manipulating electric and gas meters.
 - Successfully deployed the solution across international clients, including IBM FLUVUIS (Belgium), Groupe E (Switzerland), ESTAG (Austria), EVN (Austria), Ellevio (Sweden), LUX (Luxembourg), and TNB (Malaysia).
 - Actively participated in collaborative client meetings to fully understand requirements and align the project with customer specifications
 - Designed and developed customized software modules tailored to specific project needs, enhancing functionality and responsiveness.
 - Implemented targeted performance optimizations and swiftly resolved anomalies to ensure robust system operation
 - Conducted comprehensive analyses and resolved issues identified during load testing, bolstering application stability under high-demand scenarios.
 - Expanded the application's capacity to manage up to 5 million meters, scaling up from its initial design for a smaller user base to meet growing demand.
 - Conceptualized and developed a real-time monitoring module to enhance operational visibility and allow in-memory data modifications, optimizing the testing process for increased efficiency.
 - Led the migration from Java 7 to Java 8 and coordinated the upgrade of Karaf from version 2 to version 3, driving the modernization of the company's tech infrastructure.
 - Designed and refactored the "Firmware Upgrade" module to support asynchronous parallel exchange processes, enabling simultaneous upgrades across a larger number of meters, thereby improving scalability and reducing operational downtime.

Technical Environment: Methodology: BDD. **Backend:** Java 8, Spring Boot, Apache Camel, OSGI Karaf. **Database Management:** Liquibase. **Testing:** JUnit, Mockito, Cucumber. **Database:** PostgreSQL. **In-Memory:** HazelCast. **Integration and Testing Servers:** Jenkins, Git, SVN. **Data Transmission:** REST, SOAP. **Messaging Systems:** JMS. **Protocols:** socket HTTP, TCP, UDP. **Documentation:** Confluence. **Ticket Management:** Bugzilla. **IDE:** IntelliJ.

Company: Creova – (07/2017 – 01/2018)

Project name: POSSA

Role: Erlang Developer

- Managed the maintenance of the "POSSA" mobile banking platform in Cameroon, ensuring reliable and secure banking services.
- Contributed to developing a comprehensive couponing system for Carrefour in Tunisia, facilitating efficient loyalty point management for enhanced customer engagement.
 - Proactively developed expertise in the Erlang OTP/20 framework to support platform improvements and integration.
 - Designed and implemented custom modules precisely aligned with project requirements to enhance functionality.
 - Applied timely updates and resolved issues to maintain optimal platform performance.
 - Integrated with public service providers to streamline bill payments for utilities, such as water and electricity, directly within the application.

Technical Environment: Methodology: BDD. **Backend:** Erlang OTP/20, PHP 5. **Database:** Mnesia.

Frontend: Ruby on Rails, Android, Java USSD. **Integration and Testing Servers:** Jenkins, SVN. **Documentation:** Confluence. **Ticket Management:** Jira. **Data Transmission:** REST, SOAP. **IDE:** IntelliJ IDEA.

Company: Poulina Group Holding – (01/2017 – 05/2017)

Role: Internship

- Developed a web and mobile application for real-time monitoring and control of industrial machine operations, focused on preventive maintenance. The application integrates with machine sensors to collect critical data, enabling proactive issue detection and reducing unplanned downtime.
 - Created a comprehensive project specification document to guide development and ensure alignment with client requirements.
 - Diagnosed and resolved hardware-related issues, enhancing machine reliability and operational efficiency.
 - Implemented a notification system to alert employees of critical machine status changes, promoting timely response and minimizing downtime.
 - Designed a real-time dashboard to display machine status indicators, such as oil levels and other essential metrics, for improved monitoring and preventive maintenance.

Technical Environment: **Backend:** Java 7, Spring Boot. **Database:** PostgreSQL. **Frontend:** Angular 2, Java Android, Python, C. **Hardware:** Raspberry Pi, Arduino, Android. **Data Transmission:** REST, MQTT. **Broker:** ActiveMQ. **IDE:** IntelliJ Idea, PyCharm Idea, Android Studio.

Company: Talan Tunisia – (01/2016 – 02/2016)

Role: Training Internship

- Developed a mobile application for medication and pill reminders to support users in managing their treatment schedules effectively.
 - Designed an intuitive interface for users to add medications and set customized reminders, simplifying adherence to prescribed schedules.
 - Implemented alert features with alarms and push notifications to ensure timely medication intake.
 - Integrated a health tracking system, enabling users to log their medication intake and monitor adherence over time.
 - Added a caregiver feature, allowing users to assign treatment management to a trusted person, such as a family member or healthcare provider, for enhanced support.

Technical Environment: Backend: Java 7, Spring Boot. Database: PostgreSQL. Frontend: Android, Angular 2. **Data Transmission:** REST. **IDE:** IntelliJ Idea, Android Studio.

Etudes

- Engineer's degree in Software and Information System Engineering - Teck Up (Evening Classes)
- Bachelor's degree in computer science - Embedded Systems - ISET RADES

Langues

- French: Fluent
- English: professional
- Arabic: Fluent

Contact

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