

FRANK DESSALLI

Full-Stack Developer • Guidewire Integration Specialist
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SUMMARY

Guidewire-certified Full-Stack Developer with 5 years of experience delivering enterprise integration solutions across the insurance, healthcare, municipal-services, and logistics sectors. Deep expertise in Guidewire PolicyCenter integration using Integration Gateway, App Events, JMS messaging, Gosu, and RESTful/SOAP services. Experienced in translating functional requirements into technical integration specifications, supporting QA teams, and conducting code reviews to ensure delivery quality. Skilled in Java/Spring Boot back-end development and Angular (incl. SSR)/React front-end interfaces, with a strong focus on OAuth2/Okta security, TDD, and CI/CD automation. Bilingual in French and English; comfortable in international environments.

CERTIFICATIONS

- Guidewire Certified Specialist – InsuranceSuite Integration (Jasper)
- Guidewire Certified Specialist – PolicyCenter Configuration (Jasper)
- Guidewire Certified Associate – InsuranceSuite Developer (Palisades)
- Build Microservices – OpenClassrooms
- GFT Académie – Property & Casualty Insurance, Policy Lifecycle, Performance Indicators, Group Insurance

SKILLS

- **Guidewire & Integration:** Guidewire PolicyCenter, Integration Gateway, App Events, Gosu, PCF, JMS Messaging, Apache Camel
- **Backend:** Java (8, 11, 17, 21), Spring Boot, Spring Security, Spring Data JPA, Spring Batch, Hibernate, Microservices, REST APIs, SOAP APIs, Keycloak, FHIR
- **Frontend:** Angular 19, Angular Universal / SSR, TypeScript, React, HTML5/CSS
- **Testing & Quality:** JUnit 5, Mockito, TDD, SonarQube
- **DevOps & Cloud:** Docker, Docker Swarm, Portainer, Nginx, Jenkins, GitLab CI, GitHub Actions, Azure DevOps, Maven, Gradle, CI/CD
- **Database:** PostgreSQL, MySQL, SQL, Liquibase
- **Integrations & Payments:** Stripe, OAuth2 / Okta, OpenAPI / Swagger, JMS, JasperReports

WORK EXPERIENCE

GFT Technologies

Dec 2024 – Present

Full-Stack Developer – Guidewire Integration Specialist

Canada

Mandate – Vaudoise Générale: *second phase of a PolicyCenter-based transformation program.*

- Designed and maintained REST and SOAP connectors via Integration Gateway to external systems (payment platforms, CRM, document management), using JMS messaging, Gosu, and App Events capture (policy creation, endorsement, cancellation) with bidirectional data mapping, for the vehicle policy lifecycle.
- Configured PolicyCenter activity patterns (XML) to automatically create follow-up tasks upon functional errors during integrations.
- Provided technical support to Business Analysts: integration flow modeling, App Events identification, downstream impact analysis, and clarification of Guidewire platform constraints.
- Supported the QA team: test dataset preparation, Camel route scenario walkthroughs, incident debugging, and Integration Gateway log analysis.
- Authored integration unit tests and conducted code reviews (PRs) to ensure codebase consistency, quality, and reduced regressions; collaborated with functional and DevOps teams in Agile ceremonies.

Kouete Digital Solutions (KDS)

Full-Stack Engineer – Java (Consultant)

Nov 2023 – Nov 2024

Germany

- Healthcare interoperability: designed a FHIR-based architecture enabling secure data exchange between open-source healthcare applications (OpenMRS, OpenELIS, Kapsiki Platform), covering EMR, Lab, and Radiology workflows.
- Municipal services & cross-border exchange: contributed to the Evia Burger Portal (mobile app giving German citizens access to municipal services such as dog registration and local events) and the Evia Supplier Declaration Portal (standardized data formats for the electronic exchange of goods-origin information).
- Built secure RESTful and SOAP APIs with Keycloak authentication; implemented SOAP endpoints for client-adaptor integrations, ensuring seamless cross-system communication.
- Designed and implemented a robust notification system and a legally-compliant electronic document-signing feature.
- Conducted code reviews, participated in Agile ceremonies, and delivered all features using TDD (JUnit 5, Mockito), maintaining high reliability across modules.

Skysoft Technology

Full-Stack Developer

Jun 2021 – Oct 2023

Cameroon

- Designed and maintained web and mobile applications using hexagonal architecture (Spring Boot, Angular) across multiple client projects, including ticket-sales management (SKYTICKET – Bluetooth printing, daily/periodic reports) and the Joe-Cargo air/sea freight platform (deposit to delivery, invoicing, client follow-up).
- Established a DevOps architecture with Docker (Dockerfiles, Docker Compose, Docker Swarm, Portainer, Nginx reverse proxy) and set up Jenkins CI/CD pipelines automating build, test, and deployment.
- Secured the backend with JWT authentication and request interceptors; developed secure payment modules for ticket and reservation purchasing.
- Integrated SMS and email APIs for automated customer notifications and documented all APIs with Swagger for internal and external teams.
- Used Spring Batch for batch processing and JasperReports to generate Excel and PDF reports; deployed to production with complete backup and recovery processes.

PROJECTS

SprintSense

Personal – sprintsense.dessalli.com

Angular 19 SSR · Spring Boot · PostgreSQL

Agile retrospectives SaaS tool built solo from design to production; resolved SSR deployment and crawler-rendering challenges in a server-side Angular architecture.

Fluentry

Personal

Angular · Spring Boot · Stripe · PostgreSQL

Language-learning web app with tiered subscription plans (Stripe); handled the full product lifecycle – backend API design, subscription billing, and frontend UX.

Kapsiki Healthcare / Lab / Radiology / ERP

Kouete Digital Solutions (KDS)

Java · Spring Boot · Angular · Apache Camel · Docker

Open-source enterprise suite: electronic medical records, lab information system, DICOM radiology viewer, and ERP, on a unified, scalable architecture for healthcare facilities and SMEs across Africa and Europe.

Evia Burger Portal

Kouete Digital Solutions (KDS)

Java · Spring Boot · React

Mobile application enabling German citizens to access municipal services – dog registration, local-event sign-up, and personalized information.

Joe-Cargo

Skysoft Technology

Angular · Spring Boot · REST API · PDF/Excel generation

End-to-end air and sea freight management platform: deposit, storage, invoicing, client follow-up via email/SMS, and agency management; generates invoices and reports in PDF and Excel.

SMS broadcasting platform for major operators in Cameroon and Congo-Brazzaville (instant/scheduled SMS, personalized sender IDs, mobile-money recharges, contact-group management, full sending history).

EDUCATION

Bachelor's Degree in Computer ScienceSep 2019 – Jun 2022

Institut Universitaire de la Côte (IUC)

Higher National Diploma (HND), Software Engineering2021

Institut Universitaire de la Côte (IUC)

LANGUAGES

- **French** — Native
- **English** — Fluent (C1)