

# SERGE JUNIOR LIBOCK

## SOFTWARE ENGINEER

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## SUMMARY

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**ABOUT ME:** Versatile software engineer with over 4 years of experience leading and developing online web and cross-platform mobile applications. A results-driven software engineer with a strong focus on delivering high-quality, scalable solutions, fostering technical excellence, and mentoring engineers through knowledge sharing and continuous improvement.

**INTERESTS:** I am particularly interested in financial technology and banking platforms, building scalable applications, and applying artificial intelligence to solve complex, real-world problems.

## SKILLS

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<b>Programming Languages</b>	TypeScript, Java, JavaScript
<b>Frameworks</b>	NextJS, SpringBoot, NestJS, Firebase, React Native
<b>Testing</b>	Jest, Cypress, Testing Library
<b>Versioning</b>	Git, Github, Gitlab, BitBucket
<b>Business Analysis</b>	UML, MermaidJS, Confluence, Jira
<b>DevOps</b>	Github Actions, Docker
<b>Languages</b>	French (native), English (C1, <i>IELTS</i> ), German (B1, <i>Goethe Institut</i> )

## RELEVANT EXPERIENCE

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**Lead Frontend Engineer**, PKFokam Research Center | Afriland First Group **Oct. 2023 – Present**

- Led the 10-man frontend development team of a Core Banking System for Afriland First Bank South Sudan, a bank with over 100,000 customers, achieving 24/7 availability, built with Java, TypeScript, Postgres, MongoDB, SpringBoot, NestJS, React and NextJS.
- Implemented a custom accounting scheme builder for bank accountants that offers infinite configuration possibilities through the integration of Google's Blockly API, complete with a schema simulation feature, which led to a 350% increase in efficiency for accountants introducing new schemes for the bank's products.
- Empowered other developers on the team through leadership by mentoring junior engineers, leading process experiments make the team more efficient, and setting standards for use of AI-assisted coding tools.
- Set up automated QA processes using Cypress, speeding up Quality Assurance verification by over 620%.

**Business Analyst**, PKFokam Research Center | Afriland First Group **Dec. 2024 – Present**

- Collected and analyzed business requirements from banking domain experts across risk, regulation, accounting, and teller operations, translating them into structured Business Requirements Documents and implementation-ready specifications for a large-scale Core Banking System for Afriland First Bank South Sudan.

- Documented and refined user stories and acceptance criteria covering approximately 90 functional modules, including Accounting Engine, Transactions, Parties, KYC, AML, FATCA, Accounts and GL Accounts, Audit, Action Logs, Metrics, and related core banking components.
- Partnered closely with the product owner and lead analysts to review, validate, and refine requirements, ensuring alignment with regulatory, accounting, and operational standards prior to development.
- Developed and maintained data models and business rules to support accurate transaction processing, compliance reporting, and financial integrity across multiple banking domains.
- Reviewed UI/UX designs against documented requirements and acceptance criteria, identifying gaps early and reducing downstream development rework and clarification cycles.

**Mobile Engineer (Android & iOS), PKFokam Research Center | Afriland First Group**

**Feb. 2023 – Jun. 2024**

- Served as the sole legacy mobile engineer responsible for maintaining and evolving the Afriland First Bank mobile banking application for Côte d'Ivoire and Liberia, SARA BY AFRILAND, ensuring stability, bug fixes, and continued feature delivery in a production banking environment.
- Designed and implemented new revenue-generating features including utility bill payments (water, electricity, TV services such as Canal+ and StarTimes) and wallet-to-external-wallet transactions supporting Orange Money, MTN Mobile Money, and E-Wallie.
- Led the end-to-end delivery of wallet-to-wallet transfer functionality, contributing to an increase of approximately 7,500 active users and generating over 18M XAF (~USD 30K) in revenue within the first month of release in Côte d'Ivoire.
- Improved application quality and user satisfaction through consistent bug fixes and performance improvements, contributing to higher app store ratings and increased user retention.
- Produced functional UI designs in the absence of a dedicated designer, submitting flows and screens for stakeholder review prior to implementation, and translating approved designs directly into production-ready mobile features.

## EDUCATION

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**Siantou Higher Institute** – Bachelor of Technology in Software Engineering

**Jul. 2022**

## CERTIFICATIONS

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**Mid-Level React Developer** - [Certificates.dev](#)  
**Git & Github Fundamentals** - [Amigoscode](#)

**Nov. 2024**