

# SERGE JUNIOR LIBOCK

## SOFTWARE DEVELOPER & ENGINEER

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## SUMMARY

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**EXPERIENCE:** 3 years of software development experience in online web applications and cross-platform mobile applications. A results-oriented problem solver, focused on delivering high-quality solutions, a passionate learner, and an active team member, always ready to share knowledge and learn from others.

**INTERESTS:** Financial Technology, Banking, Application Development, Artificial Intelligence.

## SKILLS

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DEVELOPMENT	JavaScript, TypeScript, NextJS, React, Redux, React Native, HTML/CSS, Tailwind, NestJS.
TESTING	Jest, Cypress, React Testing Library, React Native Testing Library.
DEVOPS	CI/CD, Git, Expo, Docker, Jenkins.
BUSINESS ANALYSIS	UML, Jira, Confluence, Notion.

## RELEVANT EXPERIENCE

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04/23 - NOW

### Web Developer | Afriland First Holding | PKFokam Research Center

**Project:** Core Banking System for Afriland First Bank – South Sudan

**Team size:** 10 Frontend Developers (5 off-shore), 18 Backend Developers (10 off-shore), 10 QA Engineers (4 automation), 2 DevOps Engineers (1 off-shore), 3 Designers, 6 Business Analysts (3 off-shore), Product Owner, SCRUM Master.

**Responsibilities:**

- Lead a sub-team of 5 frontend developers, ensuring proper development standards are met and transparent communication with stakeholders is maintained.
- Developing new components, utilities and pages for the graphical user interface of the project.
- Set up unit testing processes.
- Set up AQA processes using Cypress. Creating test plans and designing end-to-end testing scenarios to ensure maximum feature test coverage with the QA team.

**Technologies:** NextJS, React, TypeScript, Google Blockly, Ant Design, SASS, i18n, web sockets, Bitbucket pipelines, Formik, Jest, React Testing Library, Cypress, Jenkins, Storybook, Grok AI.

**Highlight:** Set up from scratch a custom query builder for the bank's accounting engine using Google's Blockly. This consists of draggable blocks to place on a workspace for the generation of a custom Domain Specific Language.

05/23 – 08/24

### Mobile (Cross-Platform) Developer | Afriland First Holding | PKFokam Research Center

**Project:** Sara Mobile Banking by Afriland First Bank – Côte d'Ivoire, Equatorial Guinea, Liberia

**Team size:** 1 Mobile Frontend Developer, 2 Backend Developers, 3 QA Engineers, 1 DevOps Engineer, 2 Business Analysts, Product Owner, multiple service integration partners.

**Responsibilities:**

- Implement new features for the application such as TV subscriptions.
- Maintaining the application and resolving production bugs.
- Set up unit testing processes.
- Documented the codebase for future engineers and potential evolutions.

**Technologies:** React Native, Expo, JavaScript, several libraries such as react-native-pdf, react-native-camera, and more.

**Highlight:** Joined the project with no onboarding and almost inexistent documentation. Resiliently powered through the codebase, developing new features, fixing bugs, and documenting for future engineers.

02/23 – 10/23	<p><b>Project:</b> Microfi Collecte – Mobile money deposit app for microfinance agents</p> <p><b>Team size:</b> 1 Mobile Frontend Developer, 1 Backend Developer, 2 QA Engineers, 1 DevOps Engineer, 2 Business Analysts, 2 Marketers, Product Owner.</p> <p><b>Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Develop the application from scratch.</li> <li>• Maintaining the application and resolving production bugs.</li> <li>• Set up unit testing processes.</li> <li>• Propose evolutions and new features for the application.</li> </ul> <p><b>Technologies:</b> React Native, Expo, OpenStreetMap, TypeScript</p> <p><b>Highlight:</b> Integrated periodic geolocation tracking of agents for added security, while minimizing battery consumption.</p>
11/22 – 02/23	<p><b>Web Developer   U-Empire Inc.   Remote - Canada</b></p> <p><b>Project:</b> U-Food Restaurant/Delivery Management System</p> <p><b>Team size:</b> 1 Frontend Developer, 2 Backend Developers, 3 QA Engineers, 1 DevOps Engineer, 2 Business Analysts, Product Owner.</p> <p><b>Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Develop the application from scratch</li> <li>• Developing new components, utilities and pages for the graphical user interface of the project.</li> <li>• Set up unit testing processes.</li> </ul> <p><b>Technologies:</b> NextJS, React, TypeScript, Redux Toolkit, Web sockets.</p> <p><b>Highlight:</b> Set up the frontend of the messaging system for customer support.</p>

## EDUCATION

09/20 - 10/22	<p><b>BTECH IN COMPUTER SCIENCE - SOFTWARE ENGINEERING, Siantou University @ Yaoundé</b>  <b>Cumulative GPA: 3.76 / 4.0</b></p> <p>Modules included: C, Java, Operating Systems, Mobile Programming, Computer Networks, Data Structures, Computer Algorithms, Internet Programming, Distributed Systems, Database Application and Design.</p> <p>Awards: Awarded a scholarship for ranking among the top performers at the national diploma exam, providing the privilege to cover partially educational and tuition fees during the semester.</p>
08/17 - 01/20	<p><b>COMPUTER SCIENCE, PKFokam Institute of Excellence @ Yaoundé</b>  <b>Cumulative GPA (before transfer): 3.10 / 4.0</b></p> <p>Modules included: Calculus, Physics, Chemistry, Programming and Problem-Solving, Linear Algebra, Economics, Discrete Mathematics.</p>

## ACHIEVEMENTS AND CERTIFICATIONS

- “React Developer Certification Level 2”, awarded to developers who have shown deep understanding of React. Nov. 2024