Leopold Sokoudjou

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EDUCATION

Kennesaw State University,   Kennesaw, GA
Bachelor of Science, Computer Science
GPA: 4.0/4.0
EXPECTED GRADUATION: December 2024
COURSEWORK: Programming and Problem solving I and II, Data Structures, Artificial Intelligence, Intro to SWE, Databases, Algorithm Analysis, Operating Systems, Web Development.

PROFESSIONAL EXPERIENCE

Afriland First Bank, Software Engineer ⍈   2022 Aug – 2023 Aug
- Developed a location-based bank branch finder for the **SARA** Mobile App utilizing **Java** and **Flutter**, which facilitated customers in finding nearby branches effortlessly and led to a **20%** rise in app downloads.
- Created an interactive map using the **Google Maps API** and **Flutter** to visually showcase branch locations and compute distances between the user's location and the branches.
- Added search filters enabling users to narrow down branch searches based on criteria like ATM availability, branch type, and operating hours, reducing congestion at main branches and achieving a **78%** boost in customer satisfaction.

PKFOKAM RESEARCH CENTER, Software Engineer Intern ⍈   2022 May – 2022 Aug
- Developed a comprehensive campus portal software utilizing **Java**, **JavaFX,** and **MySQL**, serving **100+** students and faculty members, resulting in a **40%** increase in overall campus productivity and communication efficiency.
- Optimized database queries and indexing, leading to a **25%** improvement in system response time, ensuring rapid access to critical information for students and staff.

Express Exchange Financial S.A, Software Developer Intern   2021 May – 2021 Aug
- Worked on an e-banking application and the company's back-office application using **Spring** a **Java Framework** serving **200+** clients and helping them track their activities.
- Developed modules for client account management, transaction tracking, and financial reporting, ensuring accurate and up-to-date information was available to back-office staff.

SKILLS

Programming Languages: JAVA, Python, PHP, JavaScript, C, SQL, HTML5, CSS3

Tools & Technologies: Spring Boot, Spring REST API, Spring Security, Spring Data, Django, MySQL, MongoDB, React JS, JUnit, Git, Linux, Flutter, Amazon Web Services, Postman

Languages: English, French

PROJECTS

Library Management System ⍈   2023 Apr – 2023 Jun
- Developed a rich featured system using **Spring features** for managing a school library which used initially **MS Excel** for this purpose thereby increasing organization and productivity to **90%.**

Supermarket Management System ⍈   2022 May – 2022 Jun
- Developed and implemented a feature-rich supermarket billing system using **Java**, **JavaFX,** and **MySQL**, facilitating seamless checkout processes and enhancing overall operational efficiency with receipts generation.
- Designed and optimized the database schema to use of 2-4 Trees, resulting in a **25%** reduction in query response time and ensuring quick retrieval of product and customer information during billing operations

Online Voting System ⍈   2022 Jan – 2022 Feb
- Developed a secure and scalable online voting system using **python**, enabling people to cast their votes remotely, resulting in a **30%** increase in voter participation compared to traditional voting methods.