Leopold SOKOUDJOU

SOFTWARE ENGINEER

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EDUCATION

B.S. Computer Science, Kennesaw State University — 2020 Jan – 2024 Dec
GPA: 3.88 — Kennesaw, Georgia
Coursework: Programming and Problem solving I and II, Data Structures, Artificial Intelligence, Intro to SWE, Databases, Algorithm Analysis

PROFESSIONAL EXPERIENCE

Software Engineer Intern, PKFOKAM RESEARCH CENTER — 2022 Jun – 2022 Sep

- 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.

Member, ColorStack — 2023 May – present

SKILLS

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

Software Concepts:
OOP, Unit Testing, REST API, Agile Methodology, Web Services

Tools & Technologies:
Spring Boot, Spring REST API, Spring Security, Spring Data, Django, Maven, Git, MySQL

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 MS Excel for this purpose thereby increasing organisation 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.
- Designed and optimized the database schema, 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 Java and Spring Boot, enabling citizens to cast their votes remotely, resulting in a 30% increase in voter participation compared to traditional voting methods.