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## SUMMARY

Passionate about education, innovation, and creating human-centered solutions that make the world a better place. With a strong foundation in information technology and experience in software engineering, I have contributed to various impactful projects. My dedication to continuous learning and adaptability drives my commitment to personal and professional growth.

## EDUCATION

**ADVENTIST UNIVERSITY OF CENTRAL AFRICA (AUCA), RWANDA**              2021-2025

Bachelors of Science in information technology major in Information Management

## PROJECTS WORK

**E_Commerce  Management System**                              2021-2022

- **Seamless Online Shopping:** Integrates user and admin functionalities into a cohesive platform.
- **User Account Management:** Users can create accounts, log in, browse products, and place orders.
- **Efficient Order Management:** Administrators receive order notifications for prompt processing and fulfillment.

**Tutor Management System**                                   **2022-2023**

- **Enhanced Access to Education:** Provides students with easy access to a variety of tutors, enabling personalized learning experiences and academic support regardless of geographical location.

- **Efficient Tutor-Student Matching:** Uses algorithms to match students with tutors based on their specific needs and preferences, ensuring effective and tailored learning experiences.

- **Convenience and Flexibility:** Offers flexible scheduling options for both students and tutors, allowing for lessons at convenient times and reducing the need for commuting.

- **Technological Advancement in Education:** Promotes the use of digital tools and platforms in education, enhancing digital literacy and preparing students and tutors for a technology-driven world.

- **Increased Employment Opportunities:** Creates job opportunities for tutors, including part-time and freelance positions, contributing to the  economy and providing income sources for educators.

## Prison Management System                                2023-2024

- **Improved Security and Monitoring:** Enhances the security and monitoring of inmates through advanced tracking and surveillance systems, reducing the risk of escapes and incidents within the prison.

- **Efficient Inmate Management:** Streamlines the management of inmate records, including personal information, sentence details, and behavior reports, leading to more organized and efficient prison operations

- **Resource Optimization:** Helps allocate resources effectively by managing inmate populations and facility capacities, ensuring that prisons are neither overcrowded nor underutilized

- **Rehabilitation Programs**: Facilitates the implementation and monitoring of rehabilitation and education programs, aiding in the reintegration of inmates into society and reducing recidivism rates.

## Online Student Registration System                          2023-2024

- **Increased Efficiency:** Automates the registration process, saving time and effort.
- **Accessibility:** Accessible from any location with internet access**.**
- **Error Reduction:** Minimizes errors through automated data collection.
- **Resource Optimization:** Streamlines administrative tasks and resource allocation.
- **Enhanced Data Management:** Centralizes and secures data storage.

## MyBook Library                                          2023-2024

- **Book Management:** Users can easily add new books to their personal library, update book details as needed, remove books from their collection, and view a comprehensive list of their books
- **Book Rating and Status:** Users can rate books they have read and mark books as read or unread to keep track of their reading progress
- **User Preferences: Sorting Order:** The app will store user preferences for sorting the book list (e.g., by title, author, rating) using Shared Preferences.
- **Advantages:** The app will work on both iOS and Android devices, providing a wide reach. It is designed to offer a seamless and intuitive user experience for managing a personal book library, and users can tailor the app to their preferences, making it a personalized tool for book management

## SKILLS  & CERTIFICATIONS

- Computer network
- Computer network configuration and administration
- Network Security
- Secure coding with Java
- Secure coding with python
- Backend engineering
- Frontend engineering
- Linux administration and server configuration (DHCP, SFTP, SSH, Apache)

## TECHNOLOGY

**Programing Languange:** Java, C++, Python, C#, pl/SQL

**Framework:** spring boot , Django

**Frontend engineering:** Html, Css, React js, java script

## DATABASE

- MySQL
- MongoDB
- Oracle

## Language

- **English:** Fluently
- **Kiswahili:** Good
- **Kinyarwanda:** Fluently