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**XAVIER KIOKO KIMALI**

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Nairobi, Kenya

## EDUCATION

**STRATHMORE UNIVERSITY, KENYA**

**2019-2023**

**MAJOR: BSC. INFORMATICS AND COMPUTER SCIENCE**

**PROGRAMMING COURSEWORK:** OPERATING SYSTEMS, SOFTWARE ENGINEERING, DATA STRUCTURES AND ALGORITHMS, SYSTEM ANALYSIS AND DESIGN, ADVANCED DATABASE SYSTEMS, CALCULUS, PROBABILITY AND STATISTICS, WEB APPLICATION DEVELOPMENT, COMPUTER SECURITY AND CRYPTOGRAPHY, SERVER ADMINISTRATION, MOBILE APPLICATION DEVELOPMENT, ARTIFICIAL INTELLIGENCE, ADVANCED NETWORKING.

## EXPERIENCE AND INTERNSHIPS

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**Software Developer, Intern    Directorate of Criminal Investigation    January 2022-April 2022**

Leveraged knowledge in Full Stack Web Development, JavaScript, Git, and debugged using Chrome Developer Tools.  
Ensured proper documentation of the software programs developed and any integration with 3rd parties.  
Maintained and improved the performance of existing software in the organization  
Help in writing code for the leave management system.

**Software Developer, Intern    South-Eastern Kenya University    January 2021 - April 2021**

Server Configuration and Network troubleshooting and configuration.  
Learnt android development and web development.  
Providing first level support to end users.

### IT and Software Developer

**Intern    Kitui County Referral Hospital    February 2020 – April 2020**

Website, android development, and Database Maintenance  
Management and configuration of Closed-Circuit Television (CCTV) systems.  
Help in frontend for Millensys Egypt company during the installation of their websites in the hospital.

**Community Volunteer    Kitui County Referral Hospital    January 2020 – February 2020**

Recording of patient's temperature weight and height  
Helping in stock balancing of hospital commodities  
Dump dusting and Cleaning around  
Assisting in issuance of store commodities and recording them

## SOFTWARE PROJECTS

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**Sauti – A Dysarthric Speech Recognition System    2 0 2 2**

Sauti is a dysarthric speech recognition system used to convert speech to text using deep learning  
Utilized: JavaScript, SQL, PHP, Cloud Storage, Python, HTML/CSS, Deep Learning, GIT.

**Sherehe – A php website for event management    2 0 2 2**

Sherehe is a web-based software for viewing booking and purchasing event tickets.  
Utilized: JavaScript, SQL, PHP, Cloud Storage, AJAX, HTML/CSS, GIT.

**E-Liquorshop- A php website for purchasing liquor online    2 0 2 1**

E-liquorshop is a web based software for viewing and purchasing liquor online.  
Utilized: JavaScript, SQL, PHP, Cloud Storage, AJAX, HTML/CSS, GIT.

## ADDITIONAL EXPERIENCE AWARDS AND CERTIFICATIONS

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Cisco CCNA Routing and Switching: Introduction to Networks  
Cisco CCNAv7: Switching, Routing, and Wireless Essentials  
Cisco Networking Academy Introduction to Cybersecurity  
Oracle apex bootcamp  
Silver Award Presidential Award - Presidential Awards Kenya

### Languages Technologies and Skills

C, C++, Python, JavaScript, Java, SQL, HTML/CSS, Linux, PHP, Bash, Git, Firebase, React.js, Bootstrap

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