

## **CURRICULUM VITAE.**

### ***PERSONAL DETAILS.***

NAME: KANGOGO KIPROTICH JOEL  
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EMAIL ADDRESS: kangogojoe125@gmail.com  
NATIONALITY: Kenyan  
PROFILE PORTFOLIO: <https://jkangogo.github.io>  
GITHUB: <https://github.com/jkangogo>

### **PROFILE**

- I am excited about the opportunity to demonstrate my technical expertise and leadership skills, and I am eager to contribute to team success through hard work, attention to detail, and excellent organizational skills.
- I enjoy being challenged and involved in projects that require me to work outside of my comfort zone and knowledge set as I continue to learn new development techniques that are critical to my success and the success of your organization. I am driven to learn, grow, and excel in the technology industry.

### **EDUCATION**

- ❖ Kibabii University .....Sept 2016–2021  
*Bachelor's Degree in IT* .....Bungoma
- ❖ Kabarnet High School .....Jan 2012–Nov 2015  
*High School* .....Kabarnet

### **Experience**

GIZ-Kenya ..... September 2023–April 2024  
*Research Admin (Software and Software Services)*

J-Class Solutions, Inc ..... Jan 2022–Present  
*Freelance Software Engineer (RFIDs, NFCs, and BLEs)*

African Centre for Women, Information Communication Technology (ACWICT)... April 2022  
*Computer Science Mentor, Cohort 2*

LD Talent ..... Jan 2021–Present  
*Vetted Software Engineer*

Three Modern Systems (K) Ltd ..... Nov 2020–April 2021  
*Software Engineer Intern, Nairobi*

## SKILLS & ABILITIES

Mobile app development (Java, Kotlin, Flutter) .....	Skillful
Web development; both static & dynamic (HTML, CSS, JavaScript, PHP) .....	Skillful
Database (MySQL, PostgreSQL, MongoDB) .....	Skillful
NFC/Rfid Programming (Java-pi4J, Python) .....	Skillful
Data Science (Python, R) .....	Beginner

## TASKS & ACCOMPLISHMENTS

### ❖ Assumed the Role as R&D Assistant and delivered a comprehensive report for Software and Software Services

*It was the Kenya's Ministry of ICT & Digital Economy project in collaboration with GIZ Kenya to reform the of ICT especially software industry in Kenya. The rationale was to assess the efficacy, suitability, and structure of the sector in fostering agility, innovation, and value creation.*

### ❖ Programming of RFID/NFC IOT Devices for Home Automation

*I have had the opportunity to collaborate with J-Class Solutions' team of skilled engineers to develop innovative programs that utilize RFIDs/NFCs and IoT technologies for home automation. Through our joint efforts, we have created cutting-edge solutions that allow for seamless, secure and convenient control of various home automation systems, enhancing the overall quality of life for homeowners.*

### ❖ Trained about 22 women in African Centre for Women in ICT (ACWICT) Cohort 2

*I assumed the role of a mentor to a cohort of 22 aspiring female computer scientists and programmers, facilitating their acquisition of knowledge on a range of topics pertaining to web programming, including the rudiments of HTML, CSS, JavaScript, and PHP. Additionally, I introduced them to the world of freelancing and various online platforms, offering insights on how to monetize their skills.*

### ❖ Participated in development of mobile version of a rental management System for 3Modern Systems

*A management tool that keeps records of all your properties, tenants, payments, monetary usages and generation of expenditure reports.*

<https://github.com/jkangogo/3Modern-PropertyManager>

<https://play.google.com/store/apps/details?id=com.threemodern.threepmanager>

### ❖ Collaborated with a team 7 in the development of Android-based student attendance capturing System.

*This software captures the class attendance of the students with the help of its unique biometric (uses fingerprint) feature for authenticating students.*

<https://github.com/jkangogo/StudentAttendanceCapture>

### ❖ Developed a real-time chat application.

*The application allows easy, secure and efficient chat with the registered users. The database used is the Firebase real-time support and cloud. [https://github.com/jkangogo/Lets\\_Connect](https://github.com/jkangogo/Lets_Connect)*

### ❖ Accuracy Justification of Naive' Bayes.

*This is a Machine Learning algorithm for dataset prediction; I wrote some lines of code to measure the accuracy of Bayesian model. <https://github.com/jkangogo/Naive-Bayes-workflow>*

## **INTERESTS**

*Reading sci-fi books, playing soccer*

## **LANGUAGES**

English.....*Highly proficient*

Kiswahili .....*Highly proficient*

## **TRAINING AND CERTIFICATION**

- ❖ Information Technology ..... Kibabii University
- ❖ Industrial Training ..... Kibabii University
- ❖ Fundamentals of Cyber Security (CSX) ..... ISACA, Kenya
- ❖ Data Science ..... CHARUSAT & ShapeAI, India
- ❖ WordPress..... Udemy
- ❖ Machine Learning..... Udacity

## **REFEREES**

Dr. Roselida Ongare (Academic referee)

LECTURER — KIBABII UNIVERSITY

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