

CURRICULUM VITAE.

PERSONAL DETAILS.

NAME: KANGOGO KIPROTICH JOEL
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EMAIL ADDRESS: kangogojoel25@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 UniversitySept 2016–2021
Bsc.IT *Bungoma*
- ❖ Kabarnet High SchoolJan 2012–Nov 2015
High School *Kabarnet*

Experience

J-Class Solutions, Inc Jan 2022–Present
Freelance RF Engineer
African Centre for Women, Information Communication Technology (ACWICT)... April 2022
Computer Science Mentor, Cohort 2
Three Modern Systems (K) Ltd Nov 2020–April 2021
Software Developer Intern, Nairobi

SKILLS & ABILITIES

Mobile app development (Android) *Skillful*
Web development (both static & dynamic) *Skillful*
Database *Skillful*
NFC/RFID Programming *Skillful*
Data Science *Beginner*

TASKS & ACCOMPLISHMENTS

- ❖ **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

❖ **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>

HOBBIES

Reading sci-fi books, playing soccer

LANGUAGES

English.....*Highly proficient* Kalenjin..... *Native*
Kiswahili*Highly proficient*

TRAINING AND CERTIFICATION

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

REFEREES

Dr. Roselida Ongare (Academic referee)

LECTURER — KIBABII UNIVERSITY

Tel: 0721597710

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Thomas Garben (Professional referee)

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