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 University.. *Sept 2016–2021*

   Bsc.IT   *Bungoma*

❖ Kabarnet High School...*Jan 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 .... *Skillful*
Web development (both static & dynamic).......................................*Skillful*
Database .... *Skillful*
iOS Programming (Swift/Objective C) .... *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.

Aside of RFID projects delivered to J-Class Solutions, I also worked on a tracking application for Apple Airtags using Swift and Objective C for MacOS and Flutter for mobile, web and desktop.

❖ **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... CHARUSAT/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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Prof. Christopher Chepken (Professional referee)

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