

CURRICULUM VITAE.

PERSONAL DETAILS.

NAME: KANGOGO KIPROTICH JOEL
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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.ITBungoma
- ❖ Kabarnet High SchoolJan 2012–Nov 2015
High SchoolKabarnet

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)	Skillful
Database (MySQL, PostgreSQL, MongoDB)	Skillful
NFC/RFID Programming	Skillful
Data Science	Beginner

TASKS & ACCOMPLISHMENTS

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

It was the Government of Kenya project in collaboration with GIZ Kenya to reform the sector of ICT and Digital Economy 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

❖ 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* 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)

CEO/Founder — J-class Solutions Inc.

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Dr. Chris Chepken (Professional referee)

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