KENNEDY MUCHINA KINUTHIA

Graduate Software Engineer | in/kmuchina | muchina537@gmail.com
kmuchina.com | Google Play Store | Nairobi, Kenya

PROFESSIONAL SUMMARY

Performance-driven Software Developer and Computer Science graduate with a strong foundation in full-stack architecture, native Android development, and ML deployment. Proven record of shipping production-grade Android apps on Google Play, leading technical teams, and delivering real-world solutions. Driven by values, empathy, and kindness.

PROFESSIONAL EXPERIENCE

ICT & Digital Innovation | Kenya Flower Council
Karen, Kenya | *Aug 2026 - Present* | Internship

- Owned end-to-end delivery of a new certification digital platform for the Audit & Certification Department, authoring the SRS, designing the UI/UX, and shipping a functional MVP under the supervision of the Head of IT & Data.
- Data migration from a legacy audit platform to a new, improved modern version.

ICT Officer | Kenya Roads Board, Ministry of Roads & Transport
Eldoret, Kenya | *May 2024 - January 2025* | Internship

- Enhanced software reliability by testing internal programs against specifications, identifying and documenting bugs.
- Administered and optimised LAN infrastructure (Cisco switches & routers), achieving 99% network uptime across the organisation.
- Optimized end-user productivity and data accessibility by maintaining and updating the corporate website, Microsoft Business Central portals, and custom GIS applications.
- Worked with PricewaterhouseCoopers (PwC) LLP under a contract with KRB to audit the KeNHA, KURA & KeRRA road agencies.

Project Lead & Tech Lead | IEEE Tech4Good
Eldoret, Kenya | *February 2024 - December 2024* | Contract

- Secured **KES 472,785 (USD 3,665)** grant by authoring a winning technical proposal; managed end-to-end delivery of a 5 KW solar installation for a non-profit organisation.
- Led a multidisciplinary engineering team through design, procurement, and deployment while training **20+** students in solar systems and technical safety.

IEEE Moi University Student Branch Chairperson | IEEE Students
Moi University | *July 2023 - July 2024* | Volunteer

- Coordinated and delivered **15+** technical workshops and hackathons in Web, Mobile, IoT, and Cloud technologies for an audience of 300+ developers.

- Led the campus team to regional victory in IEEEXtreme 17.0, capturing the **highest active team** participation count in IEEE Region 8 (Africa, Europe, & Middle East).

English - Professional working proficiency (written & spoken) **Kiswahili** - Native proficiency

TECHNICAL SKILLS

Programming

Over 5000 lines: Kotlin | Compose | JavaScript | Node | Express | HTML5 | CSS3 | C++
Tools: Git/Github | Android Studio | VSCode | Slack | Google Meet
Concept: APIs | Android | iOS | Flow Architechture |Backend | Full-Stack

Soft

Project Management | Leadership | People's skill | Resourceful|Cleanliness | Kind | Professionalism | Self-directed | Accountable | Time Conscious | Team Leader | Analytical

EDUCATION

Bachelor of Science in Computer Science (Hons)
Moi University | *18th December, 2025*

- Graduated *Magna Cum Laude* with First Class Honors, Class of 2025.
- Honors: Vice-Chancellor's Merit Certificate, Best Overall Science Student in the Faculty.

High School Diploma
Njiiri High School | *January 2016 - November 2019*

- Mean Grade: A- Mathematics Grade: A English Grade: B

PROJECTS

Prayer & Gratitude Journal

Android App (Kotlin, Jetpack Compose, Room DB)
Shipped a minimalist Android application featuring background routine processing, automated prompt scheduling, and local offline-first data persistence, serving **100+ active users**.

Apple Care

ML Mobile App (Python, TensorFlow Lite, CNN)
Trained and deployed a CNN model for on-device apple leaf disease classification; optimised inference with TensorFlow Lite for real-time mobile performance.

REFERENCES

Three strong professional references are available upon request.