

COLLINS KIPLANGAT

P.O BOX 1818-20200, KENYA

KERICHO, 20200

+254757560140 / +254742320375

collinskiplangat1096@gmail.com

OBJECTIVE

As a hardworking and ambitious Information Technology practitioner with strong problem-solving skills, excellent communication abilities, and the capability to work with minimal supervision, my goal is to contribute my technical and management skills to a dynamic organization and create a long-lasting impact on the community. I seek an opportunity to showcase my skills and qualifications while contributing to the growth of the organization

SKILLS

Programming in Java, Python, JavaScript, PHP, C, C++, C#, OOP, System Programming, Internet Application Programming, Operating Systems, API, Data Structures and Algorithms etc

System Administration & Database Management (SQL, Oracle, MySQL, MongoDB), React, Next.js, Cryptocurrency latest technology frameworks

Network Administration and Security Protocols, Data communications and Networks, Computer Security and Cryptography

Artificial Intelligence, Cloud Computing, Embedded systems and IOT, Machine Learning, Entrepreneurship, Big Data Analytics, Blockchain Technology, Knowledge Based System, Multimedia systems and Applications

ICT Project Management (Agile, Waterfall, Microsoft Project), Management Information Systems, Electronic Business, System Analysis and Design

Mobile Application Development (Android, iOS, React Native), Web Design, Networking, Data Backup & Recovery, Software & Hardware Installation.

Antivirus and Security, Troubleshooting, UX/UI Design, Cybersecurity, Computer Graphics and Animation, Information Auditing, Software Development, Virtual Assistant Services, and ERP Systems.

Additional skills: Financial Accounting, Computer Simulation and Modelling, HCI, Digital Logics and Mathematics eg Discrete mathematics, Linear Algebra, Calculus etc

EDUCATION

BSc. Information Technology – Meru University of Science and Technology - Graduated with Second Class Honours, Upper Division – 2024.

KCSE – Keongo Secondary School – Grade: B- -2019

KCPE– Kapcheptoror Primary School – Marks: 322-2013

Certifications and Training

I hold certifications from the Virtual Assistant Program at ALX Africa and a Computer Packages Course from the African Institute of Research and Development Studies (AIRADS). Additionally, I have completed online courses in cybersecurity, UX/UI design, and various IT-related topics through platforms like Udemy, Great Learning Academy, and SoloLearn.

WORK EXPERIENCE

DHABITI SACCO LIMITED- Credit Management Assistant & IT Support – Intern

Project-At Dhabiti Sacco, I worked on a Lending and Credit Management System aimed at automating loan application processes, managing member accounts, and tracking loan disbursements and repayments. This system improved operational efficiency by integrating data analytics for risk assessment and ensuring real-time reporting of credit activities.

County Government of Kericho – ICT Department - Networking , Software Development and IT Support Services – Intern

Additional Work experience include;Caroish Wholesaler- Shop Attendant,Online Freelancing - Services: Forex Trading, Virtual Assistance (VA)

PROJECTS

Security System Using Radar Technology-My final year research project at Meru University focuses on developing a security system that utilizes radar technology to enhance surveillance and threat detection. This innovative approach aims to improve the accuracy and efficiency of security measures in various environments

Other personal projects included Food Donation system, Generative AIChatbot Development,Crowdfunding Management System using Blockchain Technology,Payroll system,Church mgmnt system,School systems,POS systems etc.

HOBBIES AND ACTIVITIES

My hobbies and activities include reading tech blogs, participating in hackathons and coding competitions, contributing to open source projects, and building personal projects or websites. I also enjoy playing

video games, networking with IT professionals, learning new programming languages, and exploring emerging technologies.

PERSONAL DETAILS

I am a single male, born on December 29, 1996, from Kenya, currently residing in Kericho. I am a Christian and fluent in English, Kiswahili, and Kalenjin.

REFERENCE

Dr. Amos Chege.

Mr. Timothy Kithinji.

Mr. Kelvin Kibet

Director Innovation — Meru University Credit Manager — Dhabiti Sacco. ICT Officer —KCO County

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