

BRIAN KIRAGU KINYUA

Cybersecurity Analyst | Cloud Engineer | Full Stack Developer **Location:** Nairobi, Kenya
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tryhackme.com/p/bryankiragu123

PROFESSIONAL SUMMARY

Rigorous and technically versatile Computer Science graduate (Second Class Honours, Upper Division) with a specialized focus on **Cybersecurity** and **Cloud Infrastructure**. Holds industry-recognized certifications from **ISC2**, **Cisco**, and the **ICT Authority**. Demonstrated history of building secure software solutions, ranging from full-stack web marketplaces to Java-based desktop applications. Passionate about "Security by Design" and actively upskilling through platforms like TryHackMe to stay ahead of emerging threats.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, TypeScript, JavaScript, SQL, HTML5/CSS3.
- **Cybersecurity:** Ethical Hacking, Vulnerability Assessment, OWASP Top 10, Network Defense.
- **Cloud & DevOps:** Cloud Infrastructure (IaaS/PaaS), Virtualization, Git Version Control.
- **Web Technologies:** Node.js, REST APIs, Webpack, Responsive Design.
- **Tools & OS:** Linux (Kali/Ubuntu), VS Code, Wireshark, Microsoft Office (ICDL Certified).

PROFESSIONAL CERTIFICATIONS

- **Certified in Cybersecurity (CC)** | *ISC2* (Feb 2025 – Jan 2028)
- **Fundamentals to Cloud Infrastructure and Services** | *ICT Authority* (Jan 2026)
- **Ethical Hacker** | *Cisco Networking Academy* (Dec 2025)
- **Git and GitHub Essentials** | *Amigoscode* (May 2024)
- **Getting Started with Python** | *Amigoscode* (July 2023)
- **ICDL Profile Certificate** | *ICDL Africa* (Aug 2021)

TECHNICAL PROJECTS & COLLABORATIONS

1. FarmConnect | Full Stack Marketplace

- **Role:** Lead Developer
- **Tech Stack:** TypeScript (83%), JavaScript, Node.js.
- **Description:** Designed a secure web platform connecting Kenyan farmers to buyers. Implemented robust user authentication and real-time data handling.

2. School Portal System | Collaborative Academic Project

- **Role:** Contributor (Frontend & Logic)
- **Tech Stack:** HTML (54%), CSS (25%), JavaScript (19%).
- **Description:** Collaborated with a team of 3 to build a functional student management portal.
- **Key Contribution:** Developed the frontend interface (student-portal.html, lecturer-portal.html) and handled client-side validation logic.

3. Desktop Weather App | Java Application

- **Role:** Collaborator
- **Tech Stack:** Java (100%), JavaFX.
- **Description:** Built a desktop GUI application that fetches weather data. Focused on Object-Oriented Programming (OOP) principles and API integration.

4. Network Defense Labs (Cisco & ISC2)

- Conducted packet analysis and vulnerability scanning to understand network traffic flow and security posture.
- Simulated network attacks to learn defensive strategies for protecting critical digital infrastructure.

CYBERSECURITY LABS & ACHIEVEMENTS

TryHackMe Portfolio

- **Profile:** bryankiragu123
- **Recent Achievement:** Completed the **OWASP Top 10 2025: Insecure Data Handling** room, demonstrating practical knowledge of data protection failures and remediation strategies.
- **Focus Areas:** Web Application Penetration Testing and Network Security.

EDUCATION

Bachelor of Science in Computer Science *The Catholic University of Eastern Africa (CUEA) | Graduated: Oct 2025*

- **Classification:** Second Class Honours, Upper Division.
- **Key Modules:** Ethical Hacking, Distributed Systems, Web Application Security, Cloud Computing Essentials.

Kenya Certificate of Secondary Education (KCSE) *Marion Preparatory and Senior School | 2020 | Mean Grade: B (Plain).*

Kenya Certificate of Primary Education (KCPE) *Githunguri T/Ship | 2016 | Marks: A (English, Maths, Social Studies).*

WORK EXPERIENCE

IT Support Intern *Kenya News Agency | May 2024 – August 2024*

- Supported the IT infrastructure team in maintaining network uptime and hardware availability.
- Assisted in troubleshooting connectivity issues, gaining practical insight into enterprise network management.
- Collaborated with cross-functional teams to deploy technical solutions, developing strong adaptability and communication skills.

APPENDIX: PROFESSIONAL CERTIFICATES



The Kenya National Examinations Council



KENYA CERTIFICATE OF SECONDARY EDUCATION

This is to certify that the candidate named below sat for the Kenya Certificate of Secondary Education examination in the subjects shown and attained the grades indicated.



20407008/001



ENGLISH NAME	KINYUA BRIAN KIRAGU	SUBJECT	GRADE
ENGLISH NAME	MARION PREPARATORY AND SENIOR SCHOOL	ENGLISH	B (PLAIN)
ENGLISH NAME	MARION PREPARATORY AND SENIOR SCHOOL	KISWAHILI	B (PLAIN)
ENGLISH NAME	MARION PREPARATORY AND SENIOR SCHOOL	MATHEMATICS	B+ (PLUS)
ENGLISH NAME	MARION PREPARATORY AND SENIOR SCHOOL	BIOLOGY	C (PLAIN)
ENGLISH NAME	MARION PREPARATORY AND SENIOR SCHOOL	PHYSICS	B- (MINUS)
ENGLISH NAME	MARION PREPARATORY AND SENIOR SCHOOL	CHEMISTRY	D+ (PLUS)
ENGLISH NAME	MARION PREPARATORY AND SENIOR SCHOOL	GEOGRAPHY	B (PLAIN)
ENGLISH NAME	MARION PREPARATORY AND SENIOR SCHOOL	BUSINESS STUDIES	B (PLAIN)
ENGLISH NAME	MARION PREPARATORY AND SENIOR SCHOOL		



SUBJECTS NAMED EIGHT MEAN GRADE B (PLAIN)
EXAMINATIONS OF YEAR 2020
PRINTED: 220505:085727



Chief Executive Officer
Kenya National Examinations Council

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word BARAZA LA MITIHANI and the "AUTHENTIC"
embedded thread can be seen through the paper.
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(See overleaf for conditions of issue)

KCSE / 20 4786121

Chairman
Kenya National Examinations Council





Certificate of Completion

Awarded to

Brian Kinyua

In recognition of successfully completing

Fundamentals to Cloud Infrastructure and Services

Conducted by **the ICT Authority, Kenya** in collaboration with **Pathways Technologies**

On this date

January 12, 2026

Certificate ID: ICTA-1768235406-5649-38168



Scan/Click to verify

Ag. Chief Executive Officer
Zilipher A. Owiti, OGW
ICT Authority



Data • Technology • Innovation



International Information System Security Certification Consortium

The ISC2 Board of Directors hereby awards

Brian Kiragu Kinyua

the credential of

Certified in Cybersecurity

Having met all of the certification requirements, adoption of the ISC2 Code of Ethics, and successful performance on the required competency examination, subject to recertification every three years, this individual is entitled to all of the rights and privileges associated with this designation, as defined in the ISC2 Bylaws.

J Packer

James Packer - Chairperson

Guy Hermann Ngambeket

Ndiandukue - Secretary



2177068

Certification Number

Feb 1, 2025 - Jan 31, 2028

Certification Cycle

Certified Since: 2025



This certificate is awarded to

Brian Kinyua

for successfully completing

Ethical Hacker

offered by United States International University
through the Cisco Networking Academy program.

Dr. Paula Musuva
Instructor
United States International University

03 Dec 2025
Completion Date

