

# BRIAN KIRAGU KINYUA

**Cybersecurity Analyst | Cloud Engineer | Full Stack Developer Location:** Nairobi, Kenya  
| **Phone:** +254 704 186 096 **Email:** bryankiragu123@gmail.com **LinkedIn:**  
[linkedin.com/in/brian-kinyua-4bkk2284k2](https://www.linkedin.com/in/brian-kinyua-4bkk2284k2) | **GitHub:** [github.com/bryank-4](https://github.com/bryank-4) | **TryHackMe:**  
[tryhackme.com/p/bryankiragu123](https://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



A.M.E.C.E.A.

**THE CATHOLIC UNIVERSITY OF EASTERN AFRICA**

*The Chancellor of the University with the approval of the Senate upon the recommendations of the Faculty of Science*

*has, at the 44<sup>th</sup> Congregation, conferred the degree of*

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**Second Class Honours, Upper Division**

**on**

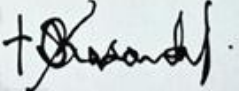
**Brian Kiragu Kinyua**


Registration Number: 1048032


Completion Date: 19<sup>th</sup> of September 2025

*IN WITNESS WHEREOF, The Trustees of the University have caused this certificate to be signed by duly authorised officers and authorised the seal of the University to be affixed thereto.*


Nairobi, 24<sup>th</sup> of October 2025

  
Chancellor

  
Deputy Vice Chancellor  
(Academic Affairs & Research)

  
Vice Chancellor

Serial No. 51743





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.



MARION PREPARATORY AND SENIOR SCHOOL

**SUBJECT**

**GRADE**

101 ENGLISH

B (PLAI

102 KISWAHILI

B (PLAI

121 MATHEMATICS

B+ (PLU)

231 BIOLOGY

C (PLAI

232 PHYSICS

B- (MIN

233 CHEMISTRY

D+ (PLU

312 GEOGRAPHY  
585 BUSINESS 27

B (PLAI

565 BUSINESS STUDIES

B (PLAY)



SUBJECTS NAMED EIGHT

MEAN GRADE B (PLAIN)

EXAMINATIONS OF YEAR 2020

PRINTED: 220505:085727

Chief Executive Officer  
National Examinations Council



Chairman  
Kenya National Examinations Council

This is a secure document printed using special paper and inks. Please hold it up to the UV light to verify that the word BARAZA LA MITIHANI and the "AUTHENTIC" embedded thread can be seen through the paper. Not valid without a hologram.

(See overleaf for conditions of issue)

KCSE / 20 4786121



Ministry of Information,  
Communications &  
The Digital Economy



# Certificate of Completion

Awarded to

*Brian Kingua*

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

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



Scan/Click to verify







## 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.

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



Amigoscode

## CERTIFICATE OF GRADUATION

Awarded To

**BRYAN KIRAGU KINYUA**

Completed

**Git and Github Essentials**

Date: 2024-05-31

Serial No.

cert\_yqk01vwj



Amigoscode

## CERTIFICATE OF COMPLETION

Awarded To

**BRYAN KIRAGU KINYUA**

Completed

**Getting Started with Python**

Date: 2023-07-31

Serial No.

cert\_wsb011b2