

# BRIAN KIRAGU KINYUA

**Cybersecurity Analyst | Cloud Engineer | Full Stack Developer Location:** Nairobi, Kenya  
| **Phone:** +254 704 186 096 **Email:** bryankiragu123@gmail.com **LinkedIn:** [LinkedIn Profile](#)  
| **GitHub:** [GitHub Profile](#) | **TryHackMe:** [TryHackMe Profile](#)

## 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

- **Repo:** [github.com/bryank-4/farmconnect](https://github.com/bryank-4/farmconnect)
- **Tech Stack:** TypeScript, Node.js, Webpack, HTML/CSS.
- **Overview:** Developed a digital platform connecting Kenyan farmers directly to buyers to optimize supply chains.
- **Key Contributions:**
  - Engineered the backend logic using **TypeScript** to ensure type safety and code maintainability.

- Implemented **RESTful API** endpoints to handle user data and transaction requests efficiently.
- Utilized **Git** for version control, managing feature branches and merging code updates.

## 2. School Portal System | Collaborative Web App

- **Repo:** [github.com/bryank-4/school-portal](https://github.com/bryank-4/school-portal)
- **Tech Stack:** HTML5, CSS3, JavaScript.
- **Overview:** Collaborated with a team of 3 students to build a functional student management interface.
- **Key Contributions:**
  - Led the **Frontend Development**, creating responsive layouts for the Student and Lecturer dashboards.
  - Wrote custom **JavaScript** for client-side form validation to ensure data integrity before submission.

Demonstrated strong **teamwork** by coordinating coding tasks and integrating modules from peers.

## 3. Desktop Weather App | Java Application

- **Role:** [github.com/bryank-4/desktop-weather-app](https://github.com/bryank-4/desktop-weather-app)
- **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:** [TryHackMe Profile](#)
- **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**

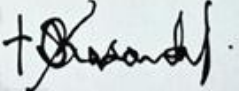
**Brian Kiragu Kinyua**


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





# 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



|                           |                                      |                      |
|---------------------------|--------------------------------------|----------------------|
| NAME:                     | KINYUA BRIAN KIRAGU                  | *M1* GR 20407008/001 |
|                           | MARION PREPARATORY AND SENIOR SCHOOL |                      |
| SUBJECT                   |                                      | GRADE                |
| 101 ENGLISH               |                                      | B (PLAIN)            |
| 102 KISWAHILI             |                                      | B (PLAIN)            |
| 121 MATHEMATICS           |                                      | B+ (PLUS)            |
| 231 BIOLOGY               |                                      | C (PLAIN)            |
| 232 PHYSICS               |                                      | B- (MINUS)           |
| 233 CHEMISTRY             |                                      | D+ (PLUS)            |
| 312 GEOGRAPHY             |                                      | B (PLAIN)            |
| 565 BUSINESS STUDIES      |                                      | B (PLAIN)            |
| SUBJECTS NAMED EIGHT      |                                      | MEAN GRADE B (PLAIN) |
| EXAMINATIONS OF YEAR 2020 |                                      |                      |
| PRINTED: 220505:085727    |                                      |                      |



*[Signature]*

Chief Executive Officer  
Kenya National Examinations Council



*[Signature]*

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





ISC2

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*

Guy Hermann Ngambeket  
Ndiandukue - Secretary



2177068

Certification Number

Feb 1, 2025 - Jan 31, 2028

Certification Cycle

Certified Since: 2025

 Cisco Networking Academy

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

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Amigoscode

## CERTIFICATE OF COMPLETION

Awarded To

**BRYAN KIRAGU KINYUA**

Completed

**Getting Started with Python**

Date: 2023-07-31

Serial No.

cert\_wsb011b2

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