

# 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.

## REFEREES

- *Available upon request.*

## 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.  
Not valid without a hologram.

(See overleaf for conditions of issue)

KCSE / 20 4786121



Chairman  
Kenya National Examinations Council







This certificate is awarded to

**Brian Kinyua**

for successfully completing

**Ethical Hacker**

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

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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\_yqk01vvj

A handwritten signature in black ink, appearing to read "N. Kinyua".



Amigoscode

## CERTIFICATE OF COMPLETION

Awarded To

# BRYAN KIRAGU KINYUA

Completed

**Getting Started with Python**

Date: 2023-07-31

Serial No.

cert\_wsb01b2

A handwritten signature in black ink, appearing to read "BRYAN KIRAGU KINYUA".