



# KAMAU JOHNSON

CS GRADUATE II DATA SCIENTIST II  
SOFTWARE DEVELOPER II CYBER SECURITY  
ENTHUSIAST

## PERSONAL PROFILE

Soon-to-be Computer Science graduate with a solid foundation in software development and data science. Passionate about problem solving and innovation, with a strong desire to apply technical skills in real world projects and contribute to a forward thinking organization. Known for being adaptable, driven, and eager to grow within dynamic tech environments. Ready to make a meaningful impact and thrive in the evolving technology landscape.

## PERSONAL ACHIEVEMENTS

I am an avid hackathon enthusiast and have proudly showcased my work in various innovation competitions :

### Track Record

Power Hacks Hackathon – 4th Runners-Up  
October 2024.

- Built a statement verification app using HTML, CSS, JS, React Native, and PHP. Led full-stack development. This was my first hackathon, earning 4th Runners-Up and sparking my passion for innovation.

Blockchain & Web3 Hackathon – Winner  
April 2025 \$1,000 Prize

- Co-developed BebaPay, a tokenized recycling platform on Cypherium Blockchain. Led smart contract implementation. Won 1st Runners-Up out of 30+ teams.

## SHORT COURSES

Alison Short Courses

- Certificate in Python

MindLuster Short Courses

- Certificate in Graphics design
- Certificate in Front-end development
- Certificate in Effective Communications Skills

## CAUSES

Science and Technology  
Social Services  
Economic Empowerment  
Human Rights

## CONTACT DETAILS

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[Linkedin](#)



[GitHub](#)

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## WORK EXPERIENCE

### CYBER SECURITY INTERN

CODE ALPHA

(AUG – SEP 2024)

- Performed security assessments and risk analysis.
- Assisted in implementing cybersecurity best practices and policies.
- Gained experience in ethical hacking, threat detection, and mitigation strategies.

### PYTHON DEVELOPER INTERN

CODSOFT

(OCT– NOV 2024)

- Developed and optimized Python scripts for automation and data processing.
- Created SecureGen, a password generator app to enhance cybersecurity.
- Strengthened skills in Python programming, data security, and GUI development.

### CYBER SECURITY INTERN

FUTURE INTERNS

(JAN – FEB 2025)

- Assisted in security audits and vulnerability testing.
- Developed cybersecurity awareness documentation.
- Strengthened practical knowledge of risk assessment and threat analysis.

### INDUSTRIAL ATTACHMENT

AGRO CHEMICAL & FOOD COMPANY LIMITED (ACFC)

(JAN – MAR 2025)

- Assisted in identifying and mitigating security risks.
- Conducted vulnerability assessments and monitored network security.
- Gained hands-on experience in cybersecurity frameworks and compliance.

## EDUCATION HISTORY

### BACHELOR'S DEGREE IN COMPUTER SCIENCE

Catholic University of Eastern Africa (CUEA) : Ongoing

### DIPLOMA IN COMPUTER SCIENCE

Zetech University (ZU) (2023–2024)

### DIPLOMA IN CYBER SECURITY

Alison University (2023–2025)

### DIPLOMA IN LEADERSHIP AND MANAGEMENT SKILLS

Alison University (2024–2025)

### KENYA CERTIFICATE OF SECONDARY EDUCATION

Anestar High School (2019–2022)

### KENYA CERTIFICATE OF PRIMARY EDUCATION

Muhoroni Furaha Primary School (2010–2018)

## SKILLS

- Strategic problem-solving acumen: demonstrates an innate ability to devise innovative solutions to complex challenges through analytical thinking.
- Resilience & adaptability: able to adapt at navigating fast-paced environments and thriving under pressure while delivering excellence.
- Analytical acumen: excels in breaking down complex problems and crafting data-driven strategies for impactful outcomes.
- Social impact: committed to leveraging skills and technologies to create solutions that address societal challenges.
- Collaborative leadership: excels in fostering teamwork and guiding diverse groups toward shared goals in dynamic environments.
- Tech savvy enthusiast: passionate about exploring and mastering cutting-edge technologies to remain ahead of industry trends.

## INTERESTS

- Coding challenges & hackathons
- Tech community engagement
- Innovation for social impact
- Travelling and exploration activities such as camping

## REFERENCES

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## PROJECTS

July, 2024

### Front-End/Back-End Developer – Project Lead

#### O-VAULT SYSTEM – ID & document keeper system

The proposed project is a virtual online system that involves an individual storing personal id’s and documents for future safekeeping.

- Spearheaded the development of the O-VAULT system, leading a team of developers to create an efficient solution that successfully prevents the loss of critical IDs and documents.
- Technologies Used : Implemented languages such as ; HTML, CSS, Javascript & PHP.
- Role : Led the full-stack development, including designing fully functional user interfaces and backend services with well intergrated security features.
- Outcome : I collaborated with my team to achieve a secure, user-friendly platform that ensures the safe storage of documents, reducing the risk of data loss and unauthorized access.Improved user satisfaction by 30%.
- Problem Solved : Applied my problem solving skills together with my team to come up with the most efficient system emphasizing on id’s & document storing.

### Mobile App Developer

#### SOSTOS BLOG

October, 2024

#### Power Hacks Hackathon Competition

The project implemented involves an application that verifies the truthfulness of statements by asking the system questions then it returns true or false.

- I led efforts in promoting seamless teamwork, encouraging the exchange of ideas and perspectives, which fueled creativity and ensured we met our objectives with excellence.
- Technologies Used : Html, CSS, Javascript, React native & PHP.
- Role: I pitched and orchestrated the full-stack development process, highlighting my role in crafting user-friendly interfaces, building powerful backend services, and integrating cutting-edge security features to deliver a seamless and secure verification experience.
- Outcome : Our team managed to create a secure, easy-to-use platform that accurately verifies statements, improving information credibility and reducing misinformation. This breakthrough led to a 35% surge in user satisfaction, with exceptional engagement and positive feedback.
- Problem Solved : I led my team in tackling the challenge of misinformation by creating a secure, user-friendly platform for accurate statement verification.