KAMAU JOHNSON

COMPUTER SCIENTIST II CYBERSECURITY ASSOCIATE II DATA SCIENCE ENTHUSIAST II FULL-STACK WEB DEVELOPER II INNOVATIVE GRAPHIC DESIGNER

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

- Earned a Diploma in Cyber Security, gaining expertise in risk assessment, threat mitigation, and ethical hacking.
- Mastered Front-End Development with HTML, CSS, and JavaScript, followed by a Python Certification to enhance backend development capabilities.
- Successfully completed a Certificate in Python Programming, gaining skills to develop backend systems and enhance web functionality.
- Gained hands-on experience with a Certificate in Graphics Design, utilizing Canva, Adobe Photoshop, and Premiere Pro for creative, functional designs.
- Attained a Certificate in Effective Communication Skills, enhancing my ability to explain complex ideas without making people's brains hurt, while continuing my Diploma in Leadership and Management Skills to add on top of the certification.

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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https://github.com/Johnson-Tech-droid

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

ELVIS ODONGO - +254723637568

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.