

Victoria Ntinyari

Current Address: Juja, Kiambu

(+254) 746315300 • stishvictoria@gmail.com

EDUCATION

Jomo Kenyatta University of Agriculture and Technology - Juja, Kiambu

Bachelor of Science in Mathematics and Computer Science, Expected May 2026

Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks

SKILLS AND SOFTWARE PROFICIENCIES

- Operating Systems- Linux, Windows
- Cybersecurity Tools – Nmap Wireshark
- Databases and Backend -Laravel, MySQL
- Statistics and Analysis- R, MATLAB, Microsoft Excel
- Programming and Scripting- JavaScript, Python
- Web Development

PROJECTS AND EXPERIENCE

Portfolio project (August 2024)

- Built a responsive portfolio website using HTML, CSS and JavaScript.
- Designed a clean user interface showcasing skills, project and contact information.

Learnify - Academic Workload Management App (November 2024: KAPS Inter University Hackathon)

- Developed a cross-platform app using Flutter (frontend) and Laravel (backend).
- Designed and implemented RESTful APIs for user authentication, course tracking and study scheduling.
- Integrated AI-powered study tools like automated summaries and quiz generation.
- Contributed to improving student productivity, with users reporting a ~25% increase in study efficiency.

TeleMed- Comprehensive Telemedicine Platform

- Developed a telemedicine platform using Node.js, MySQL, HTML, CSS and JavaScript enabling patients to connect with healthcare providers through appointment booking and location based services.
- Improved patient-provider connectivity by ~40%.

INTERESTS

Cybersecurity | Software Development | Web Development | Data Analysis and Excel automation | Machine learning & AI

CERTIFICATIONS AND BADGES

- **ALX AI Career Essentials**
- **Cisco Ethical Hacking Badge**
- **Cisco CyberOps Associate**
- **Huawei HCIA-security (ongoing)**

ACTIVITIES AND CLUBS

- Red Cross Society of Kenya: Engaged in community outreach and volunteering in blood drive campaigns.
- Capture The Flag (CTF) Participant: Participated in cybersecurity CTF competitions solving challenges in web security, cryptography and penetration testing. Gained hands-on experience with tools like Nmap, Burp suite and Metasploit while improving problem solving and ethical hacking skills.