**CURRICULUM VITAE**

**HALKANO RACHA TACHO**

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**PERSONAL INFORMATION**

**Gender:**  Male

**Nationality:** Kenyan **Marital status:** Single

**CAREER DEVELOPMENT OBJECTIVE**

As a current student in Information Technology with a strong passion for cybersecurity, I am excited to contribute my skills and knowledge to a forward-thinking company to gain hands-on, real-world experience. Beyond my academic pursuits, I have actively engaged with cybersecurity challenges on platforms such as Hack the Box and TryHackMe, allowing me to apply my skills in a controlled yet practical environment. My track record of consistently delivering results on time and my ability to collaborate effectively in both individual and team settings make me well-prepared to thrive within your organization. I am eager to continue my growth and learning journey while contributing to the success of your team.

**HACKING AND PENTESTING EXPERIENCE**

**Red teamer | Tryhackme |** [**www.tryhackme.com/p/Halkano321**](http://www.tryhackme.com/p/Halkano321) **| Jun 2022 – Now**

As a Digital red teamer, I have learnt how to:

• Gathered cyber intelligence to identify vulnerabilities and weak points in systems, networks, web-based applications, and computers.

• Conducted penetration testing to assess the security of systems by simulating real-world attacks and attempting to gain unauthorized access.

• Stay up to date with the latest penetration testing tools and methods to ensure the most effective and efficient testing practices are utilized.

**Hands on real world | Hackthebox Labs | Dec 2022-Now**

Have had my time breaking into boxes from hack the box that I believe are similar to vulnerabilities on real world services.

Information is ever changing and so are services, in hack the box it covers all the juicy technologies like kubernetes and Docker environments to practice on.

I did not only learn to attack but also defend and perform incidence response on target as we learn that in cyber mayhem.

I also believe that the culture hack the box has instilled in me is crucial for any company that wants to stop threat actors on their tracks.

**My Home Labs | Vulnerable applications and services**

My biggest strength is not how I have a heavy educational background but rather putting that knowledge in practice and understanding the ins and outs of services and operating systems.

I build my attack scenarios in my virtual box instances to understand both the attacker and the defender.

**PROFESSIONAL/WORK EXPERIENCE**

**Cybersecurity Enthusiast | Self-Directed/Home | 2022 - Present**

As a self-motivated Cybersecurity Enthusiast, I've dedicated significant time and effort to honing my skills and knowledge in cybersecurity through active participation in platforms such as HackTheBox and TryHackMe, as well as building and maintaining my own home labs.

**Key Activities:**

**HackTheBox Challenges**: Regularly tackled a diverse range of challenges on HackTheBox, spanning various categories including web exploitation, reverse engineering, cryptography, and more. Through these challenges, I've developed a deep understanding of common vulnerabilities and attack vectors.

**TryHackMe Rooms:** Engaged in immersive learning experiences on TryHackMe by completing virtual "rooms" covering topics such as network security, penetration testing methodologies, and ethical hacking techniques. These interactive exercises have allowed me to apply theoretical knowledge to practical scenarios.

**Home Lab Setup:** Established a comprehensive home lab environment consisting of virtual machines, networking configurations, and vulnerable applications. This environment serves as a sandbox for experimentation and skill development, enabling me to simulate real-world cyber attacks and defensive strategies.

**Continuous Learning:** Actively pursued continuous learning opportunities through online courses, tutorials, and community forums. I've expanded my knowledge in areas such as exploit development, malware analysis, and digital forensics, keeping pace with evolving cybersecurity trends and technologies.

**Digital Artist | Self Employed | Feb 2020 – May 2021**

As a Digital Artist, I:

• Studied illustrations and photographs to plan the presentation of materials and products.

• Planned and created effective visual presentations of materials, products, and services.

• Utilized job-related computer software to generate new and engaging images.

**EDUCATIONAL BACKGROUND**

***Bachelor of Science in Information Technology | Pioneer International University | May 2019 – Dec 2023***

Degree

***Diploma in cybersecurity | Institute Of Software Technologies | May 2023-Present***

* Network Security
* Cryptography
* Cyber Threats and Attacks
* Ethical Hacking
* Incident Response
* Cybersecurity Policies and Laws
* Secure Software Development

***Penetration testing path | Hackthebox Academy | April 2023-Now***

Relevant course work

* Shells & Payloads
* Password Attacks
* Attacking Common Services
* Pivoting, Tunneling, and Port Forwarding
* Attacking Web Applications with Ffuf

***Certificate in SQL and Database Management | Institute of Software Technologies | Jun 2021 – Aug 2021***