

# Kevin Nyawakira

Security Engineer

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## Summary

With a transition from Web Developer to Pentester, I'm a Freelance Full Stack Developer and Hacker (White Hat Hacker) based in Kigali with 4 years of experience building web applications for small and medium businesses and reporting bugs in different institutions' systems and software. I like breaking and find holes in network and softwares since i was 14. I love every things related to technology and like to learn and build new things.

## Work experience

### CTO Lead Developer

2016 - 2018

#### [IRIS HUB](#)

I was working for an incubation Hub called IRIS HUB. My role was to conduct and develop online solutions that fit the need of our clients.

### Freelancer Web Developer

2015 - 2019

#### [KEV DEV SOLUTIONS](#)

I was working as a Freelance Web and Software developer, buildings some online solutions for individuals small and medium companies.

### Co-Founder, CTO and Chief Hacking Officer

2019 - 2021

#### [INTORE SECURITY LAB](#)

Worked at Intore Security Lab as a Chief Technical Officer where my role is to perform security tests on networks, web-based applications, and computer systems. I design these tests and tools to try to break into security-protected applications and networks to probe for vulnerabilities.

### CTO

2021 - Current

#### [HERBMADZ SATELLITE](#)

## Education

### High School

2008 - 2015

International School Of Bujumbura

### Bachelor Degree

2015 - 2019

Adventist University Of Central Africa

## Skills

HTML /CSS



PHP



PYTHON



JAVASCRIPT



JAVA



BASH/SHELL SCRIPTING



Favorite scripting language when it comes to automate some tasks on my system or automate some of my hacking tools

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WEB APPS PENETRATION TESTING



As a web developer, i understand how a web application work from client-side to server-side. When testing a Web application, on a hacker perspective, i make sure that i get much information as possible of the application(programming languages used, framework, port open on the server, subdomains of the web app, hidden directories,...) to increase the attack surface and find many vulnerabilities as possible(cross-site scripting, information disclosure, open redirect, server-side request forgery,...).

NETWORK PENETRATION TESTING



On a given network range (internal or external), i can hunt for vulnerabilities, demonstrate how each vulnerability can be exploited by a malicious actor and assign them a CVSS according to the severity of the security vulnerability

OSINT (Open Source Intelligence)



I can search and collect many information as possible of a given person, network or subject, gathered from publicly available sources(as opposed to covert or clandestine sources). This include the use of known search engine like google and the use of the deep web(duckDuckGo) and darknet (Tor)

REVERSE ENGINEERING



I'm able to reverse engineer an application( desktop app, mobile app) in order to understand his behaviour, which service is running, if he is connected to the internet, if YES, which data he's retrieving or sending.

## Tools

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- **WEB APPLICATION PENETRATION TESTING:** sublist3r, subPull, dirsearch, amass, burpsuite, owasp zap, masscan,...
- **NETWORK PENETRATION TESTING:** asnlookup, shodan, greyNoise, Spypse, masscan, nmap,...
- **OSINT:** Google, bing, tor, duckDuckGo, [start.me](#), shodan, maltego, [osintframework.com](#),...

- **REVERSE ENGINEERING:** IDA, Immunity Debugger, Ghidra, ApkTool, Mobile Security Framework,...

## Accomplishments & Certifications

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- **2nd Place in the Rwanda National Cybersecurity Competition:** <https://tinyurl.com/269ej3mk>
- **CyberStars Of Rwanda (Best Attacker and overall winner):** Overall Winner and Best Attacker in a Cybersecurity competition- Link: <https://tinyurl.com/yaxrk4fl>
- **Hall Of fame of security researchers on Mtn's profile on HackerOne:** [https://hackerone.com/kerminal\\_](https://hackerone.com/kerminal_)
- **subPull** : A bash script I wrote to automate Subdomain enumeration using popular subdomain enumeration tools and notify the findings on Telegram: <https://github.com/kevin81767/subPull>
- **I deployed a .onion website (my resume)** on the darkNet accessible using Tor browser: <http://t6coxejgxea7fsnqaix2q6xzozsbg64ian5utdpal77bj2rof5yg75wyd.onion>
- **Google Africa Challenge:** I was in a Google program scholarship to learn Android Development.
- **Ethical Hacking and Web Apps Penetration testing:** Certificate provided by [Linkedin Learning](#)
- **Shell Scripting:** Certificate provided by [Linkedin Learning](#).
- **Wireshark: Malware and Forensics:** Certificate provided by [Linkedin Learning](#).
- **3rd Runner in a Hackathon (#ConnectKigali)** organized by The Facebook Developer Circle of Kigali and a Transport Company called [WherelsMyTransport](#)
- **As a Hacker(White Hat Hacker) and Security researcher**, i reported some security issues and vulnerabilities found in some local web applications (RISA, RW-CSIRT, RDB) and to some bug bounty programs at [HackerOne](#).
- **Organized a workshop on Ethical Hacking** in partnership with BICT(Broadcasters of ICT): <https://workshop.bict.rw/>

## Media appearances/Interviews

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- **IGIHE:** <https://igihe.com/ikoranabuhanga/internet/article/abanyeshuri-12-b-intyoza-mu-guhangana-n-ibitero-by-ikoranabuhanga-bahembwe>
- **IGIHE:** <https://www.igihe.com/ikoranabuhanga/article/uko-wakwirinda-ibitero-by-ikoranabuhanga-mu-isi-ya-none>
- **NEWTIMES:** <https://www.newtimes.co.rw/business/cybersecurity-efforts-mobilise-local-innovative-solutions>
- **CYBERSTARS:** <https://cyberstars.pro/cyberstars-of-rwanda-2018/>
- **MINICT:** [https://minict.gov.rw/news-notice/latest-news/news-detail/?tx\\_news\\_pi1%5Bnews%5D=357&tx\\_news\\_pi1%5Bday%5D=18&tx\\_news\\_pi1%5Bmonth%5D=12&tx\\_news\\_pi1%5Byear%5D=2018&cHash=1d77aab7bc580a78dd6eccc72cf37ada](https://minict.gov.rw/news-notice/latest-news/news-detail/?tx_news_pi1%5Bnews%5D=357&tx_news_pi1%5Bday%5D=18&tx_news_pi1%5Bmonth%5D=12&tx_news_pi1%5Byear%5D=2018&cHash=1d77aab7bc580a78dd6eccc72cf37ada)
- **CYBERRANGES:** <https://cyberranges.com/cyberstars-of-rwanda-2018/>

## Hobbies & Interests

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When i'm not writing or breaking code ,you can find me playing CTF (Capture the flag) on Hacker101,HackThebox, playing with my arduino Uno or chilling with friends or listening to music.

## Social Media

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- Facebook : <https://www.facebook.com/nyawakira.kevin>
- Twitter : [https://twitter.com/kerminal\\_](https://twitter.com/kerminal_)
- Linkedin : <https://www.linkedin.com/in/kevin-nyawakira-558307129/>
- Instagram : [https://www.instagram.com/kerminal\\_/](https://www.instagram.com/kerminal_/)